

Tells Missile Plans



MAJ. GEN. Thomas P. Gerrity (left), Commander Ballistic Missiles Center, Air Materiel Command, at Inglewood, Calif., explains ballistic missile plans and programs, including activation of missile sites throughout the United States, to **Maj. Gen. W. T. Thurman**, Assistant for Production Programming, DCS/Materiel, Hq USAF, during his visit to BMC.

Next President For Pay Equity

SENATOR John F. Kennedy, Democratic nominee for the Presidency, has come out in favor of the pay equalization bill.

Vice President **Richard M. Nixon**, the Republican nominee, already having voiced his support (see last week's JOURNAL), it is thus assured that the next President, when he takes office, will already be on record as favoring a return to the principle of tying the pay of retired service personnel to pay increases accorded the active list.

Senator Kennedy made his views known both in a letter to Lt. Gen. **Idwal H. Edwards**, USAF-Ret., President of the Retired Officers Association, and in a telegram to General **William P. Simpson**, USA-Ret., Chairman of the Executive Committee of the San Antonio Chapter of the Retired Officers Association.

It was in a letter to General Simpson that Vice President Nixon said that it was his feeling that the corrective legislation "should have been passed many months ago."

In his letter to General Edwards, Senator Kennedy declared that the "merits of the proposal, so far as I am concerned, are unquestioned."

"This," the Democratic nominee asserted, "coupled with the broad support which it commands on Capitol Hill, would seem to justify a realistic hope that affirmative action can be taken on

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Journal Highlights

USAF BOARD will meet to pick officers in the 5-year group for commissions in the Regular Air Force. **Page 2**

INDIVIDUAL COMBAT SOLDIER still essential to victory, Army Secretary says as production line opens for new rifle. **Page 3**

AIR FORCE'S ATLAS program is judged winner of the Collier Trophy—first in field of astronautics. **Page 3**

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NAVY PLANE sets new world class speed record. **Page 6**

RULING DENIES legal authority to pay for driving autos of personnel disabled overseas to ports for shipment home. **Page 7**

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SIX NATO NATIONS poised for big combined fleet exercises. (Editorial) **Page 10**

STUDY OF RADIATION as a means of food preservation to be revived. **Page 11**

WELFARE WORK of Service wives overseas praised by Gen. Eddleman. **Page 18**

GENERAL OF THE ARMY DOUGLAS MACARTHUR issues statement on centennial of the birth of General of the Armies **John J. Pershing**. **Page 23**

PERSHING MISSILE seen developing to third generation IRBM. **Page 23**

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A NEW CONCEPT in anti-tank missiles is subject of industry research study contract let by Army. **Page 26**

HAWK MISSILES are being incorporated into the 55th Artillery's 4th Battalion in Panama. **Page 25**

SERVICES AND INDUSTRY join in two conferences to study aeronautical material reliability and the transportation of missiles and missile components. **Page 27**

ARMY NAVY AIR FORCE



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TAC's New Plane Can Fill Many Missions Anywhere In World, Says Gen. Everest

By **GENERAL F. E. EVEREST**
Commander, Tactical Air Command

LAST month in a training exercise called Bright Star/Pine Cone III, Air Force Reserve and Tactical Air Command troop carriers, with an assist from the Military Air Transport Service, airlifted two airborne divisions of the Army's crack XVIII Corps into their Ft. Bragg, North Carolina objective area. Making a brief appearance over the drop area, their first in an



Gen. Everest

exercise of this nature, were seven of TAC's newest fighter, the F-105 Thunderchief.

In terms of numbers of aircraft, the F-105 participation in Bright Star/Pine Cone III was only a token effort. Yet it portended the beginning of a new era in tactical air operations. The advent of the all-weather F-105 gave promise of a time when ground troops, pinned down by enemy fire, would not have to wait for good weather for close support and air commanders would no

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ARMY CONVENED UNANNOUNCED BOARD:

Promotion Secrecy Maintained; Bolté Committee Will Probe Service Disparities In Revealing Actions

DISCLOSURE of "secret selections" and publication of details on how the Peress Case of 1954 continues to influence Army promotion procedures has prompted members of the Bolté Committee to seek information concerning disparities in selection, and promotion actions, and the release of information concerning them, in all the Armed Forces.

The interest of the all-Service Committee, headed by General **Charles L. Bolté**, USA-Ret., was triggered by JOURNAL articles which have focused attention on eight unannounced selections of "outstanding" Army majors from below the basic zone for promotion to lieutenant colonel.

The Army has declared emphatically and restated this week that there has been no favoritism whatsoever in any selections or promotions to lieutenant colonel, or to any other rank.

In a new development, the Army revealed that it was necessary to convene a second selection board for temporary lieutenant colonel last year. The convening of this auxiliary board was not reported previously.

The Army stated officially, in response to a newsmen's inquiry, that the second

board made no recommendations of officers outside the basic zone of consideration. It was convened exclusively, the Army said, because there had been administrative errors in computing the dates of rank of some officers in the basic zone—less than 10. The second board, using the same selection criteria as the first, examined the records of the officers in the basic zone who were eligible for consideration but who had not been examined by the first board.

The Army said that the basic zone officers who were chosen by the second board were notified immediately of their good fortune.

This was not the case for the eight "outstanding" officers from the secondary zone, who had been chosen by the first board. They had to wait up to 16 months to learn that they had been selected for promotion.

The Army has said previously that, although the first board chose 133 from the secondary zone, only 125 names were announced. The other eight names, the Army said initially, were withheld pending completion of security review action. This screening has been necessary for

—Continued on back page

"... The High Mission of the Industrial College"



PRESIDENT Dwight D. Eisenhower arrives for the dedication ceremony of the new academic building, Industrial College of the Armed Forces, at Fort Lesley J. McNair, Washington, D. C. With him (right) is Lt. Gen. **George W. Mundy**, USAF, Commandant of the Industrial College, and (left) General **Lyman L. Lemnitzer**, USA, Chairman-designate of the Joint Chiefs of Staff. Turn to next page for account of the dedication ceremony and Page 11 for story of new JCS charter for the Industrial College.

President Speaks Of Industrial College's "High Mission" As Building Is Dedicated

(PHOTO ON FIRST PAGE)

PRESIDENT Eisenhower was the principal speaker at the dedication ceremony of the new academic building of the Industrial College of the Armed Forces at Ft. Lesley J. McNair, Washington, D. C., last week.

It is the high mission of the Industrial College of the Armed Forces, the President said, "to develop an understanding of the spiritual, political, and economic realities which underlie our national purpose and sustain our nation's security."

"The wise and prudent administration of the vast resources required by defense," the President declared, "calls for extraordinary skill in meshing the military, political, economic and social machinery of our modern life. It requires the finest understanding of how a complex industrial economy may best be put at the service of the nation's defense so that the greatest effective use is made of resources with a minimum of waste and misapplication."

General Lyman L. Lemnitzer, Chief of Staff of the Army and Chairman-

designate of the Joint Chiefs of Staff, pointed to the past accomplishments of the College. He said, "The national government, the nation's industry and its educational institutions everywhere have benefited no less than our Armed Forces from the stimulation, the methodology, and the vision provided by this unique college."

Other speakers were Mr. J. Carlton Ward, jr., Chairman of the Board of Advisers of the College, and Maj. Gen. James Dreyfus, USA, President of the ICAF Alumni Association.

General Dreyfus announced that the Alumni Association is sponsoring a series of lectures by distinguished individuals, to be known as the Dwight D. Eisenhower Lecture Series.

Lt. Gen. George W. Mundy, USAF, Commandant of the College, introduced the speakers and welcomed the guests. Chaplain (Brig. Gen.) Robert P. Taylor, Deputy Chief of Air Force Chaplains, gave the invocation and benediction. Music was provided by the U. S. Marine Band.

USAF Commissions For 5-Year Group

A board of senior officers will be convened at Air Force Headquarters 19 September to select officers in the 5-year group for commissions in the Regular Air Force.

This will be the first of a series of boards which will consider officers in the 6, 7, 2, 3, and 4-year groups in that order between October 1960 and March 1961.

Approximately 3,000 Regular officer commissions are expected to be tendered to Reserve officers on active duty under the Regular Officer Augmentation Program this fiscal year.

Each board will use the best qualified system of selection.

Officers in the 2, 3, and 4-year groups may apply prior to 30 September in accordance with AFR 36-5.

Applications are not required from officers in the 5, 6, and 7-year groups.

The board meeting 19 September will consider all of the officers who will have more than five, but less than six, years of active commissioned service as of 30 June 1961. That is those officers with a TAFCS between 1 July 1955 and 30 June 1956. There are about 3,800 officers in this group.

Army Generals Are On The Move

Maj. Gen. Lloyd R. Moses, Commanding General, 8th Infantry Division, Germany, has been assigned to Hqs., Fifth U. S. Army, Chicago. He will report 15 November.

Brig. Gen. Sherburne Whipple, jr., Chief of Staff, U. S. Army Advisory Group, Korea, has been assigned to U. S. Army Pacific, Hawaii, effective in October.

Brig. Gen. Edgar C. Doleman, Assistant Chief of Staff, G-2 (Intelligence), U. S. Army Pacific, Hawaii, has been assigned to U. S. Army Europe, Germany, to report 1 November.

Brig. Gen. John H. Caughy, Deputy Director of Military Personnel Management, Office of the Army Deputy Chief of Staff for Personnel, Washington, D. C., has been assigned to Eighth U. S. Army, Korea. His new assignment will be effective in December.

Brig. Gen. Berton E. Spivy, jr., Commanding General, 1st Field Artillery Missile Brigade, Fort Sill, Okla., has been assigned to the Office of the Joint Chiefs of Staff, Washington, D. C., for duty with the Joint Staff with station at Ft. Sill.

AF Will Train 700 For Electronics

To fill what it terms "the rapidly expanding requirement for Communications-Electronics officers," the Air Force will select 700 officers for training in this field during calendar year 1961.

"Because competition for these courses is keen," the Air Force says, "officers should apply early." Applications should be submitted on AF Form 215.

Courses for which quotas are open, all at Keesler AFB, Miss., are: OBR 3031, Communications Officer; OBR 3041A, Ground Electronics Officer; OBR 3041B, Ground Electronics Officer (Electronics); and OAR 3011 Communications Electronics Officer.

SEALED IN A SECRET SILO

Somewhere in a wasteland, the Air Force Minuteman will keep its lonely vigil all through a thousand nights. Buried and untended, it must be ready to spring to life if the button is ever pushed.

Minuteman poses a real challenge to the New Reliability—reliability which must guarantee successful firing at any moment in the far future. Each of the missile's systems, each of its thousands of electronic components, must function perfectly at that given moment. For once the missile is lowered into its silo, no human hands again need touch it.

The Minuteman's critical guidance and control system has been entrusted to Autonetics. We are proud to be a member of this United States Air Force missile team.

Once again America's defense force reaps the harvest of Autonetics' pioneering. A decade of experience with major projects has given Autonetics a unique capability in systems management—and in meshing its work with that of other companies in building modern weapon systems.

Guidance Systems by Autonetics

A DIVISION OF NORTH AMERICAN AVIATION, INC. REGIONAL OFFICES: WASHINGTON, D.C. AND DAYTON, OHIO
INERTIAL NAVIGATION/ARMAMENT AND FLIGHT CONTROL/COMPUTERS AND DATA SYSTEMS

DOWNY, CALIFORNIA



Combat Soldier Still "Most Essential Element For Victory," Sec'y Brucker Says As New Rifle Production Line Starts

THE individual combat soldier is "still the most essential element for victory, regardless of the spectacular changes which science and technology have introduced into the conduct of war," Army Secretary Wilber M. Brucker said in a message read at the formal dedication of the M14 Springfield rifle production line at the Winchester-Western plant in New Haven, Conn., 12 September.

Secretary Brucker stated that "the indication of our time is not that new weapons and equipment are gradually replacing the soldier but that the soldier must be more capable than ever before of defeating on the ground the enemy soldier, who is sure to be equipped with the finest implements of war which his nation can devise."

Brig. Gen. Oren E. Hurlbut, Commanding General, Hq. USA Ordnance Weapons Command, spoke for Lt. Gen. J. H. Hinrichs, USA, Chief of Ordnance.

General Hurlbut was presented with a special M14 by W. Miller Hurley, corporate vice president and general manager of the Winchester-Western Division, Olin Mathieson Chemical Corporation, following a firepower demonstration at Blue Trail Range of the new standard automatic rifle for all NATO forces.

The dedication was also attended by Sen. Prescott Bush (R-Conn.); Representatives Frank Kowalski (D-Conn.) and Robert N. Giaimo (D-Conn.); Mayor Richard C. Lee of New Haven; Charles C. Hamel, administrative assistant and representative of Senator Thomas J. Dodd (D-Conn.); and business leaders of New Haven and Connecticut. Mr. Hurley officiated for the corporation and read Secretary Brucker's statement.

The M14 fires the 7.62mm NATO cartridge. It replaces not only the M1 Garand semi-automatic rifle, but also the M2 carbine, Browning Automatic Rifle and the M31A submachine gun.

Winchester-Western received the first civilian production award for 35,000 M14 rifles on Feb. 13, 1959. An additional contract for 81,500 rifles was awarded in April, 1960.

Prior to attending the firepower demonstration, guests toured the new M14 production line at Winchester-Western's New Haven facilities. The line represents a blending of specially developed manufacturing techniques with standard commercial machinery. Visitors were told that it turns out military firearms for the Army in less time and at less cost

than ever before.

The complete production line includes more than 600 machines. Emphasis is on multiple-station equipment, capable of performing two or more operations, and on automatic machinery.

Most unusual of the multiple-station machines are two 16-station Gorton transfer machines, which were designed specifically for production of the M14 receiver. Working together, these two machines perform 32 of the more than 100 cutting, drilling and milling operations required.

Army Navy Air Force Journal 3
17 Sept. 1960 (Vol. 98, P. 61)

SKYBOLT BOARD

Maj. Gen. Keith K. Compton, Deputy Director of Operations, has been named the SAC representative on the Skybolt Policy Board. The top level Air Force-industry board will coordinate development and production of the air-launched ballistic missile.

General Compton has conferred with representatives of Douglas Aircraft Corporation and its major subcontractors in the Skybolt program to set the pattern for future senior management level conferences.

BELL CLAIMS 7 NEW WORLD RECORDS





Atlas ICBM Team Wins Collier Trophy

The Air Force Atlas program has been selected for the Collier Trophy, for achievement of an operational capability of the nation's first intercontinental ballistic missile in a relatively short period of time.

The Air Force program was conducted by the Air Force Ballistic Missile Division, Inglewood, Calif., under the direction of Lt. Gen. Bernard A. Schriever, present commander of the Air Research and Development Command.

Sharing in the Collier Trophy selection with the Air Force are Convair Division of General Dynamics Corporation and the Space Technology Laboratories as members of the team responsible for developing, testing, producing and putting the Atlas into operation.

This marks the first time the Collier Trophy has been given in the field of astronautics. Originally designed to honor outstanding achievement in aviation, it is now awarded "for the greatest achievement in astronautics or astronautics in America, or with respect to improving the performance, efficiency or safety of air or space vehicles, the value of which has been thoroughly demonstrated by actual use during the preceding year."

The Collier Trophy was established in 1911 and is presented annually by the National Aeronautic Association.

Col. Velasquez to Brooklyn

Col. Ben N. Velasquez has been named the Director of Administration for the U. S. Army Transportation Terminal Command, Atlantic, at Brooklyn Army Terminal. It was announced by Brig. Gen. C. F. Tank, Commanding General. Colonel Velasquez served for the last three years with the Southeastern Traffic Region, Military Traffic Management Agency at the Atlanta General Depot. Colonel and Mrs. Velasquez live at 425 Battery Avenue, Brooklyn, N. Y.

Here are the Records Claimed for Faster
Climb and Air Speed by Bell-Built
Army HU-1 "IROQUOIS"

THE SEVEN NEW RECORDS*

- Climb to 3,000 meters (9,843 feet):**
Current record: 5:30.6 minutes—held by French Alouette
HU-1 record claim: 3:22.4 minutes
- Climb to 6,000 meters (19,686 feet):**
Current record: 11:0.1 minutes—held by French Alouette
HU-1 record claim: 8:10.2 minutes
- Non-stop Distance, Closed Circuit:**
Current record: 345.1 miles—held by Russian MIL-1
HU-1 record claim: 441.74 miles
- Speed Run, 3 kilometers (1.864 miles):**
Current record: none
HU-1 record claim: 158.05 mph
- Speed Run, 100 kilometers (62.14 miles):**
Current record: 130.8 mph—held by Russian MIL-1
HU-1 record claim: 142.2 mph
- Speed Run, 500 kilometers (310.69 miles):**
Current record: 136.02 mph—held by Sikorsky
HU-1 record claim: 148.45 mph
- Speed Run, 500 kilometers (310.69 miles):**
Current record: 122.07 mph—held by Russian MIL-1
HU-1 record claim: 148.45 mph

*Tests were run during eight grueling days in July, 1960 under the supervision of the National Aeronautical Association. Certification is pending from N.A.A. and Federation Aeronautique Internationale.

BELL WORLD STANDARD HELICOPTERS

Many of these performance advantages are passed on to you in Bell's Model 204B, a commercial version of the HU-1. However, speed and climb records are not *all* the story of Bell's 204B. It has a pay load of nearly two tons and is lower in initial cost, easier to service and cheaper to maintain and operate than any other helicopter in its class. Thus in claiming new records, Bell also maintains its *economy and service* record established years ago and still continued today.

Write for full information on the new Bell 204B... a helicopter designed to fly your toughest missions in the shortest time... at the lowest cost.

For operational first in turbine-power, look to

bh
BELL HELICOPTER COMPANY Fort Worth, Texas
Division of Bell Aerospace Corporation

S.O. 202, 7 September

To Colonel
Kenna, G W, Arty Kostanski, H S, QMC

To Lieutenant Colonel
Alley, L H, QMC Lynn, E H, Jr, QMC
Callahan, F P, Inf Millican, F J, Jr, CE
Gray, Dorothy, WAC Simpson, M T, WAC
Kehrer, Marie, WAC Todd, S B, WAC
Lilley, R J, Armor

To Major
Arms, R R, CH Kellogg, D D, AMSC
Bivens, C C, Jr, Arty McDonald, K D, Arty
Haerr, R M, WAC Reed, W R, SigC

To Captain
Burgess, P C, Inf Long, A W, AI
Flaher, S H, Armor Munsell, R E, Armor
Glenn, D W, MSC Sager, R A, QMC
Gosney, D D, Inf Thompson, H N, OrdC
Keller, L, CmlC Williams, L F, Jr, CE

To CWO, W-4
McPherson, Don V, SigC

To CWO, W-3
Godwin, William D, QMC.

S.O. 203, 8 September

TO COLONEL
Hupelo, Wm, SigC Seekins, Earl I, QMC

TO LIEUTENANT COLONEL
Bechel, Chas P, Arty Wagner, Geo I, SigC
Bixler, Willis W, AI Watkins, T R, OrdC
Bojus, John, AI Wickliffe, K V, Inf
Logan, E M, TC Widmer, A J, MPC
Oaksford, H H, AI

TO MAJOR
Barrett, Edw J, QMC Wiatrowski, H F,
Buckley, WM F, Arty MSC
LaHale, Robt J, Arty Woodley, T D, Arm
Owens, H T, Arty

TO CAPTAIN
Arseneau, J L, ANC Kelly, Edward J, Inf
Granger, J D, MPC Miller, John P, Arty
Hayashida, W, Inf Nolan, John D, CE
Hayward, A C, Inf Ozols, Ojars K, Arty
Hertzberg, H H, Jr, Samuels, Alan, AGC
SigC

To CWO, W-4
Starr, Lester L, QMC

To CWO, W-3
Saxton, Elmer D, sr, OrdC

S.O. 205, 12 Sept.

TO COLONEL
Bowers, W S, Inf von Rohr, A D, Inf

TO LIEUTENANT COLONEL
Baber, Ben L, SigC Kennedy, A J, QMC
Cox, Briscoe C, Inf Meadow, Sam, QMC
Crawford, L, Inf Riccio, J A, Arty
Gardner, H B, Arm Watson, T R, Inf
Hall, Fred C, MPC

TO MAJOR
Beckwith, C M, Arty Pattis, George J, Inf
Brady, R F, Jr, Inf Simpson, G C, MSC
Luper, R B, Arty Skipper, P H, Arty

TO CAPTAIN
Alexander, L K, Inf Miller, H T, CE
Dixon, P W, Arm Schwarz, H E, CE
Duerr, R D, Arty Stone, G J, Arty
Ginger, W D, Inf Vosbein, H M, Jr,
Hill, H C, MPC MPC
Lucas, W H, MSC
Mackintosh, R H, OrdC

To CWO, W-4
Cullenbine, Edward H, Arty.

To CWO, W-3
Franklin, Russell L, AI.

S.O. 206, 13 Sept.

The Army, in S.O. 206, has promoted officers to temporary grades from CWO, W-3, through colonel, with rank from 13 September.

Those promoted to:

Colonel — include lieutenant colonels through number 485, Army Promotion List, DA Circular 624-73, 23 November 1959.

Lieutenant colonel — include majors through number 244, Army Promotion List, DA Circular 624-26, 9 August 1960.

Major — include captains through number 1717, Army Promotion List, number 25, Women's Army Corps, and number 435, Army Nurse Corps, DA Circular 624-66, 14 September 1959.

Captain — include first lieutenants through number 1901, Army Promotion List, DA Circular 624-64, 19 August 1959, and number 59, Army Nurse Corps, DA Circular 624-67, 17 September 1959.

CWO, W4 — include warrant officers through number 68, DA Circular 624-22, 11 July 1960.

CWO, W-3 — include warrant officers through number 141, DA Circular 624-22, 11 July 1960.

TO COLONEL

Black, G W, Inf Shuler, A C Jr, MPC

TO LIEUTENANT COLONEL

Crise, W F, CE Reich, D J, CE
Kemble, L G, QMC Roth, Irwin, SigC
Kepley, R S, SigC Smith, J E, QMC
Kleikamp, H G, JAGC Stroebele, H A, SigC
Mullahy, W J, CE

TO MAJOR

Elwell, R G, SigC Nolan, L F, Arty
Hankins, R B, Arty Painter, M E, ANC
MacGarvie, E E, ANC Whitmore, M U, WAC

TO CAPTAIN

Bridges, J T, Inf Mendenhall, T D,
Dowdy, H K, Jr, AI Arm
Holt, D R, MPC Montague, T W, CE
Johnson, L V, ANC Moscovic, P S, AGC
Jones, C P, OrdC Reid, G J, CE
Stutts, Ben W, Inf

TO CWO, W-4

Walker, Charles S, QMC

TO CWO, W-3

Carlos, William, SigC

Col. Sheppard Commands Bragg Chemical Group

Col. Harvey E. Sheppard has assumed command of the 81st Chemical Group at Ft. Bragg, N. C., succeeding Col. S. Julian Boyles, reassigned to the 1st Logistical Command there.

Assigned to the Research and Engineering Division of the Chemical Corps, he served on numerous special boards and committees of the Department of the Air Force, the Army General Staff and the Technical Services.

Graduating from the Army War College in 1956, the new 81st commander served two years on the Army General

Staff, followed by two years on the staff of Dr. Herbert York, Director of Defense Research and Engineering. He was promoted to colonel in February 1960.

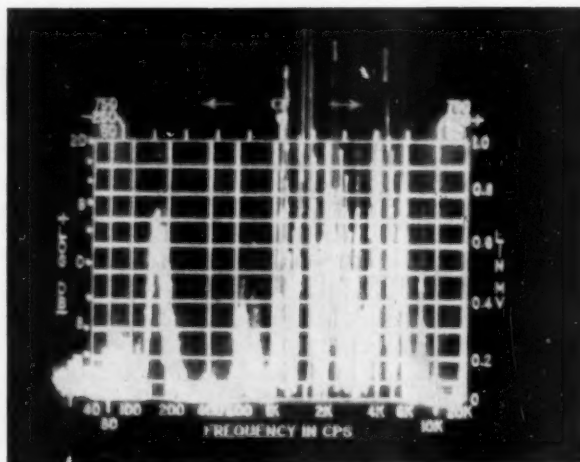
Iceland To Ohio

Lt. Col. John R. Dooley, former Port Commander of the Reykjavik Army Port, Reykjavik, Iceland, has assumed duties as the Transportation Officer at Columbus General Depot, Columbus 15, Ohio. He succeeds Lt. Col. Arthur D. Lawson, who retired 31 August. Colonel Dooley resides on the Depot with his wife, the former Claire L. Mawson of Philadelphia, Pa.

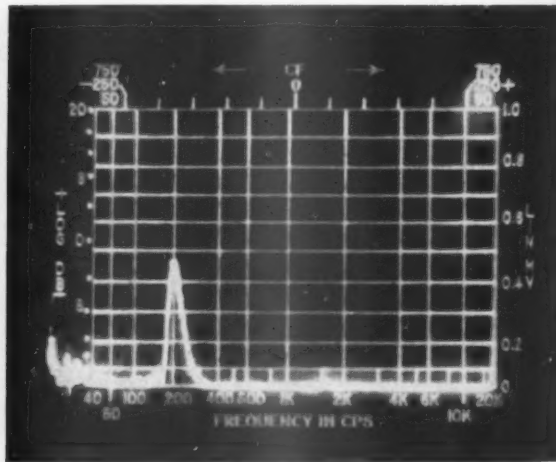
A Major Advance in Gyroscope Technology

New Honeywell Gas Bearing Gyro Greatly Improves Reliability

Combining advanced production techniques with a revolutionary design concept, Honeywell engineers have produced a miniature floated integrating gyroscope which uses a self-pressurizing film of gas in place of ball bearings. This new gyro will operate without failure for years, while giving measurements many times more accurate than the best conventional floated gyros.



These unretouched photos show noise reduction accomplished by Honeywell's new gas bearing gyro. Bearing noise gives an accurate indication of bearing uncertainties. Photo at left shows screen of a panoramic sonic analyzer displaying the output from acceleration-type



pickoffs attached to conventional inertial-grade floated gyro (GG49) spin motor mount. Photo at right shows same set-up operating at same gain, displaying noise output from spin motor mount of the new gyro. Noise reduction is about 30 to 1.

Five years of research and engineering effort at Honeywell have culminated in the successful development, test and production of the first miniature floated rate integrating gyro with gas bearing spin motor. Even the finest ball bearing spin motor suspension places limitations on gyro life and performance. In Honeywell's new gas bearing MIG the conventional ball bearing spin motor has been replaced with a completely new gas bearing spin motor. Tests show that the new gyro will operate reliably for years instead of months, while performing many times as well as existing gyros.

Although the sole purpose of a gyro-

scope is to measure angular motion, existing gyros also respond to vibration and to other phenomena such as changes in temperature and pressure. These variables produce unwanted torques that interfere with the true angular motion torque signal. For systems requiring great accuracy, the need to reduce these torques has become more urgent than ever.

Two kinds of unwanted torques present the most serious obstacles to gyro accuracy. These are *friction torque*, which masks some of the lower-level true gyroscopic torque and thereby limits the threshold capability of the gyro—and

unbalance torque, which appears as angular motion or drift.

The development of floated gimbal greatly reduced the problem presented by friction torque. For example, flotation of more than 99% of the gimbal weight has now reduced friction to about 0.001 dyne-centimeters.

Unbalance torques are most often associated with the spin motor and spin motor bearings. There are four primary areas in which the gas bearing gyro offers appreciable advantages in minimizing the following uncertainties:

1. Torques resulting from mechanical rectifications of vibrations set up

CLAYTON COMMANDER

Col. Julian McM. Lockhart, Ft. Bragg, N. C. Quartermaster, will leave 25 September to command Ft. Clayton, C. Z.

Colonel Lockhart will be accompanied by his wife Margaret and their daughter Julie, 14. A son William, 17, whose lifelong aim has been West Point, is entering his second year in a prep school in Maryland.

Lt. Col. Adams at Phila.

Appointment of Lt. Col. Gerard C. Adams as Chief, Transportation and Traffic Management Div., Deputy for Administrative Services, U. S. Army Signal Supply Agency, Philadelphia, Pa., has been announced by Brig. Gen. Elmer L. Littell, Commanding General. Col. Adams comes from the Transportation Corps, 8th Army, Korea, where he was Depot Commander.

Colonel Adams, his wife, Ruby, and their four children—Marie, 10; Gerard, jr., 8; Carol, 5, and John 4, are residing at 36 Vaughn Ave., Bellmawr, N. J.

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U. S. ARMY ORDERS

Wilber M. Brucker—Secretary of the Army
Hugh M. Milton, II—Under Secretary of the Army
Dewey Short—Assistant Secretary (Manpower & Reserve Forces)
Courtney Johnson—Assistant Secretary (Logistics)
George H. Roderick—Assistant Secretary (Financial Management)
Richard S. Morse—Director, Research and Development
General Lyman Lemnitzer—Chief of Staff

GENERAL OFFICERS—

Maj General

Cooney, James P, MC; ret upon appl; 1 Sept.
Shambora, William E, MC; ret upon appl; 1 Oct.
Moses, Lloyd R, USAREUR, to Fifth USA, Chicago.

Brig General

Spivy, Berton E, FA Mal Bde, Ft Sill, to OJCS Wash, DC, for dy w/Joint Stf, w/sta Ft Sill.
Whipple, Sherburne, jr, EUSA, to USAR-PAC.
Doleman, Edgar C, Ft Shafter, Hawaii, to Hq USAREUR, Heidelberg.
Caughey, John H, Wash, DC, to EUSA, Seoul, Korea.

General Officer Appointments To Lt General

McGarr, Lionel C, W/DR 1 Sept '60.

To Maj Gen in RA

Waters, John K, W/DR 2 Aug '60.

To Brig Gen in RA

McNinch, Joseph H, MC, W/DR 27 May '60.

To Temp Maj Gen

W/DR as indicated:

Dahlen, Chester A, 5 Jan '56.
Hackett, Robert, 6 Jan '56.
Starbird, Alfred D, 7 Jan '56.
Tempel, Carl W, MC, 1 Jul '56.
Mather, George R, 1 Jul '56.

To Temp Brig Gen

W/DR as indicated:

Boyle, Andrew J, 24 Aug '60.
Caughey, John H, 26 Aug '60.
Smith, Selwyn D, jr, 27 Aug '60.
Unger, Ferdinand T, Arty, 1 Sept '60.
Blount, Robert E, MC, 31 Aug '60.

INFANTRY—

Colonel

Gerot, Joseph O, Monterey, Calif, to USA Msn to Guatemala, Guatemala City, Guatemala.
Harrison, Frank R, Ft Monroe, to Hq Miss Sector IV Corps, Jackson, Miss.
Kelly, Harold L, jr, Wash, DC, to Hy Third USA, Ft McPherson.
Gershenow, Louis, Ft Monroe, to Hq USAR-YIS, Okinawa.

Lt Colonel

Woolfolk, Robert L, 3d, Ft Bliss, to USA Elm MAAAG, Vietnam, Saigon.

—Continued on page 14

aBearing Gyro eReliability, Performance

throughout the bearing.

2. Torques resulting from movement of the ball retainers and shifts of balls in the raceway.

3. Mechanical hysteresis resulting from material damping and ball slippage.

4. Deformations resulting from stresses imposed on the balls by various motions of the gyro.

To the extent that these torques are regular and, within a given gyro, repeatable, it is possible to balance them out by trim adjustments. But there still remain some that cannot be compensated for because they are inconsistent. These are the torques that establish the true uncertainty level of the gyro and set its drift pattern. It is in improved control of these torques that the gas bearing spin motor has made its remarkable contribution.

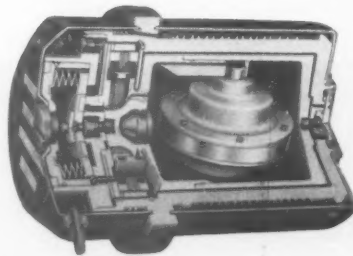
The gas bearing eliminates the balls and retainers, substitutes viscous damping for hysteresis damping, and reduces to near zero, deformations resulting from thermal expansion. With this new spin motor, bearing noise is reduced by a ratio of 30 to 1, as shown in the unre-

touched photographic records of the sonic analysis on the page at left.

The development of a miniature gas bearing spin motor to be housed in a gimbal as small as that of the Honeywell MIG was no simple task of scaling down a larger gas bearing motor. Gas does not exhibit the thin film lubricant properties of oil, and it will serve as an adequate bearing lubricant only if the bearing geometry is proper. A gas bearing depends upon viscous shear which drags the gas down a narrow passageway where it is squeezed through a wedge-shaped area. As the gas is squeezed, its pressure increases so that it will support a load. In the journal bearing, the load automatically produces the "wedge" area.

While the gas bearing spin motor is running, there is no contact of the bearing elements, and wear is virtually eliminated. However, there is some surface-to-surface contact on starting and stopping, and for this reason great care had to be taken in the choice and development of the material. The critical factors were dimensional stability, hardness, stiffness and cleanliness. Honeywell engineers worked out a solution that has resulted in a gyro that shows no measurable wear after several thousand starts and stops.

Honeywell has accomplished a major breakthrough with the development of the miniaturized ceramic spin motor and shaft. The extreme hardness of this new material requires that it be finished with special diamond tooling. This new ceramic material has great dimensional stability over a wide temperature range and throughout a long life. The ceramic is extremely stiff—another advantage, par-



Cutaway drawing of Honeywell's new GG124 Gas Bearing MIG. The ceramic spin motor is located in the floated ceramic gimbal at right. Running at 24,000 RPM, the spin motor is suspended on a self-contained film of gas less than 50 millionths of an inch thick. The GG124 weighs 8 ounces and measures 2.8" long by 1.8" in diameter.

ticularly for a bearing shaft.

The stability of this new ceramic also makes it more attractive than metals for use in other parts of the gyro such as the gimbal, the coil cup, and the encapsulation for the stator.

Contamination has always been critical in the manufacture of floated gyros. With extremely small clearances in the gas bearing spin motor, a one-micron dust particle (39.37 millionths) cannot be tolerated. Ceramic parts can be cleaned with an acid which dissolves everything but the ceramic, allowing improved production cleaning and assembly techniques.

The GG124 will have far-reaching applications. It is a logical outgrowth of Honeywell's scientific and technical strength, its systems engineering, and its ability to complete the cycle from research through production quickly and effectively. Write: Minneapolis-Honeywell, Dept. A-9-158, 2600 Ridgway Rd., Minneapolis 13, Minnesota.

Engineers and Scientists

Explore the professional opportunities at Honeywell.

Honeywell



Military Products Group



Ceramic Gimbal and spin motor of Honeywell's new GG124 Gas Bearing Gyro. Extreme hardness, great dimensional stability, and stiffness of this new ceramic material permits gyro to operate for years without failure, while performing many times better than conventional gyros.

PHANTOM CRACKS WORLD SPEED RECORD

THE Navy has claimed a 500 kilometer world class record of 1216.78 miles per hour for its F4H-1 Phantom II fighter.

The plane, piloted by Lt. Col. Thomer H. Miller, USMC, set the record on a 310 mile measured course over the Mojave desert 5 September after taking off from Edwards AFB, Calif.

If recognized by the Federation Aeronautique Internationale in Paris, the flight will better by more than 400 miles an hour the current official record of 816.3 mph set by Capt. George A. Edwards, USAF, on 16 April 1959 in an RF-101 Voodoo.

Both the Phantom and the Voodoo are built by McDonnell Aircraft Corporation, St. Louis.

Navy Sets 10 Dec. For NROTC Exams

VAdm. W. R. Smedberg, III, Chief of Naval Personnel, announces that the 15th annual national competitive examination for the Regular Naval Reserve Officers Training Corps will be given to eligible high school seniors and graduates on 10 December. Application forms are now available and must be mailed by 18 November.

The NROTC college training program is also open to enlisted men on active duty with the Navy and Marines. A separate quota is established for applicants within these services.

Application forms are available at high schools, Navy Recruiting Stations or from the Chief of Naval Personnel, Department of the Navy, Washington 25, D. C.

5 Minesweepers Head For 7th Fleet Duty

Five minesweepers of the Pacific Mine Force are enroute for a six month tour of duty with the Seventh Fleet in the Far Pacific.

Ships of Mine Division 92, under Cdr. V. M. Vissering, Jr., are: Constant, LCdr. W. H. Crosby; Energy, LCdr. C. L. Sims; Pivot, LCdr. R. J. Brabant; Pluck, LCdr. K. J. Christoph, Jr., and Advance, LCdr. R. J. Gorton.

Under current schedules, the Pacific Mine Force keeps one division of ocean-going minesweepers deployed with the Far Pacific Fleet. Deployment is usually for a six-month period.

Two divisions of coastal minesweepers, smaller than the ocean-going type, are permanently based in the Western Pacific at this time. They are Mine Divisions 31 and 32.

The Pacific Mine Force, under the direction of RAdm. F. Julian Becton, numbers approximately 80 ships and craft of many sizes and more than 3,500 officers and enlisted men.

Mine Ship Skippers Change

Two Pacific Mine Force ships have new skippers.

Lt. Cdr. Raymond E. Howe took command of the ocean minesweeper Dynamic, relieving Lt. Cdr. Wm. H. Meanix, Lt. (Jr. grade) Wm. D. Frey relieved Lt. (jg) G. L. Thorpe aboard the inshore minesweeper Cape.

Lieutenant Commander Howe, who comes to the Mine Force from duty at the Naval Security Station, Washington, D. C. resides with his wife, the former Jenny LeDuc of Nice, France at 7003 Rendina Street, Long Beach Calif.

Navy Vet Promoted

Mr. George Hamburger, Manager of Sales for the Wire and Cable Division of Copperweld Steel Company, announces the promotion of C. A. Gunn to Government Sales Manager. He will coordinate wire and cable sales to Federal Government Agencies throughout the United States from his headquarters at 140 S. Dearborn Street, Chicago.

Mr. Gunn was recalled to the Navy in early 1952, serving for 18 months as a Lieutenant during the Korean War.

U. S. NAVY ORDERS

William B. Franke—Secretary of the Navy
Fred A. Bantz—Under Secretary of the Navy
James H. Wakelin, Jr.—Assistant Secretary (Research & Development)
Cecil P. Milne—Assistant Secretary (Materials)
Richard Jackson—Assistant Secretary (Manpower, Personnel & Reserve Forces)
Admiral Arleigh A. Burke—Chief of Naval Operations

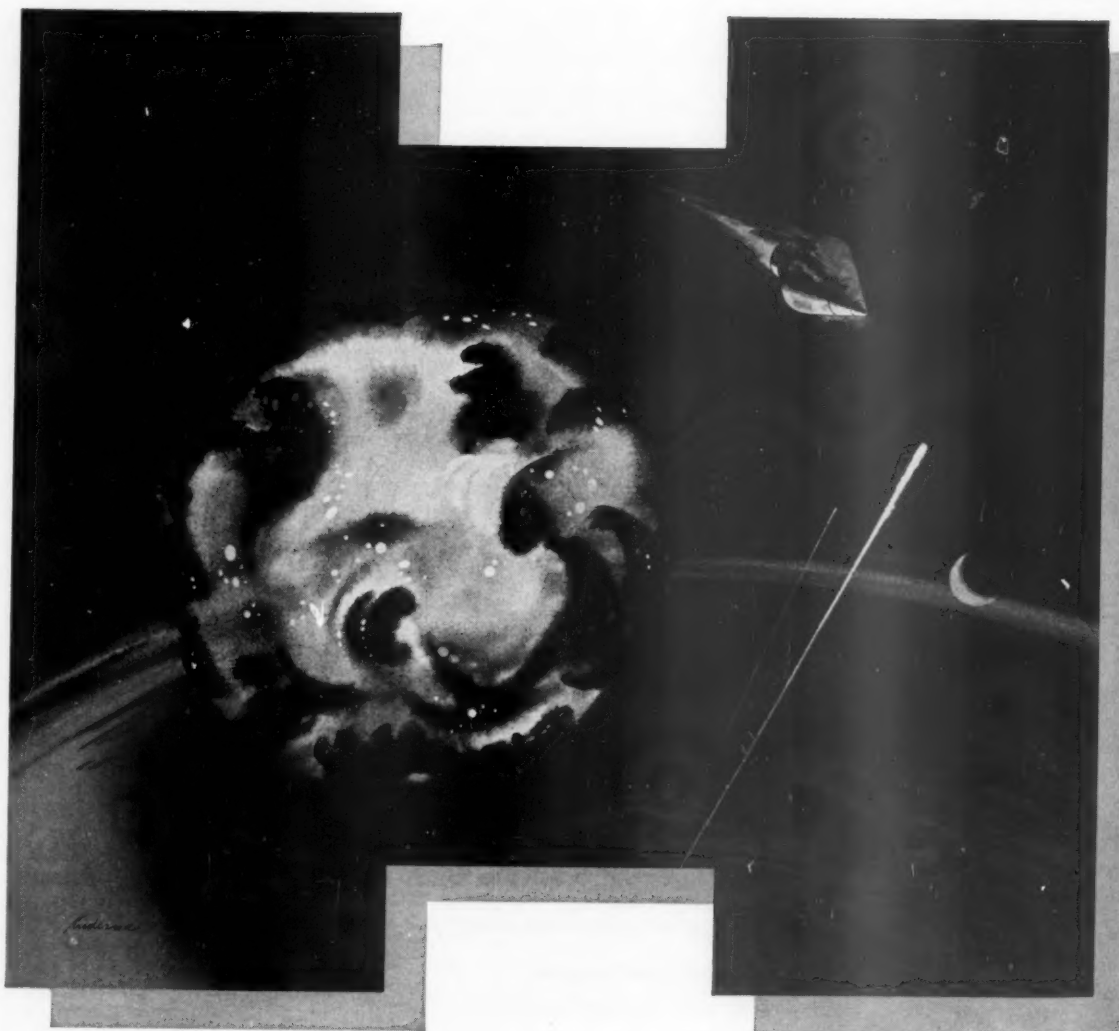
CAPTAIN

Chapman, Judge C (DC), NAS Pncla; to NavDental Clinic NorVA.
Clausner, Marilyn D. CO USS Cadmus; to ALUSNA and ALUSNA for Air Madrid.
Dally, Frederick E. Staff CNA Tech Tra NAS Mis; to BuWeps Rep NavIndResOrd Plant Puma.
Hale, Fletcher, CO PhibOpTraUnitPac; to ComPhibRon 3.
Harrison, Edward W. BuWeps; to NavMissileCen Ft Mugu.

Janney, Frederick E. Staff ComSubLant; to CO USS Topeka.
McCabe, Thomas E L. CO USS Tolovann; to Staff ComNavForJapan.
McFarland, Farrell B. Staff ComCruDiv 3; to CofS and Alde ComCru Div 3.
McKellar, Clinton, Jr. ComDesRon 14; to Ofc of Legal Affairs NevDept.
Michaelis, Fred H. Ofc of Asst Dir for Nav Reactors DirReactorDiv AEC WashDC DU Ins; to OpNav.

—Continued on page 17

Ballistic missiles: the ultimate w



Deny O'Seas Disabled Movement Of Autos

The Air Force does not have legal authority to correct a "serious inequity" toward personnel incapacitated overseas who must be returned to the United States for treatment, the Comptroller General has ruled.

These personnel, the Air Force says, are not able to drive their own automobiles to the port for shipment back to the ZI, like those transferred under normal conditions.

Under present regulations, they may not have their car shipped to the port at Government expense as is provided for some personnel under the Missing Persons Act.

To remedy what it calls this "serious

inequity" the Air Force proposed to the Comptroller General that Government personnel be authorized to transport the cars of disabled personnel to ports of embarkation, and collect appropriate temporary duty payments while doing so.

Such a regulation change would also benefit Army, Navy and Marine Corps personnel.

The Comptroller General ruled that, even though the circumstances are similar to that covered by the Missing Persons Act, there is no legal basis for correcting the inequity.

He suggested that the Air Force initiate legislation in Congress to support of the proposed regulation change.

17 Sept. 1960 (Vol. 98, P. 65)

Army Navy Air Force Journal

7

U. S. MARINE CORPS ORDERS

Commandant—General David M. Shoup
Assistant Commandant—Lt. Gen. John C. Munn
Chief of Staff—Lt. Gen. Wallace M. Greene, jr.

COLONEL

Reeve, Fenwick N, 3d Mar Div, to MCB CamPen.
Culhane, Thomas A, jr, Buenos Aires, to 3d Mar Div.
Bohnet, John R, MAG-26, to 2d MAW.
Ridge, Thomas L, MCS, Quant, to Com-CaribSeaFron, San Juan, PR.

LIEUTENANT COLONEL

Caulfield, Walter M, Yorktown, Va, to FMFLant.

Ferguson, Cecil D, 2d MAW, to CMC HqMC, for dy with JTSTF, Ofc JCS.
Hale, Mary J, Ofc JCS, to CMC, HqMC.
Barreiro, John R, jr, 3d Mar Div, to MCB CamPen.
Fulton, Carl E, 3 Mar Div, to ForTrps FMFPac.
Flynn, Maurice E, 1st MAW, to MCS, Quant.
Harmon, Lester G, 3d Mar Div, to FMFLant.
McDaniel, James, 1st Maw, to 3d MAS.
Crawford, Philip L, 1st MAW, to MCAS, El Toro.

MAJOR

Sumerlin, Earl B, jr, 2d MAW, to MCS, Quant.
Gentry, Tolbert T, AirFMFPac, to Strategic Target Planning, Offutt AFB, Nebr.
Reier, Gordon R, 3d MAW, to AirFMFPac.
White, Rex A, ForTrps FMFLant, to MCS, Quant.
Tief, Francis W, MCS, Quant, to HqBn, HqMC.

CAPTAIN

Anker, Harold R, Audit Ofc LOSA, to 3d Mar Div.
McCullough, Aubrey L, S Diego, to MCB CamPen.
Burke, Brian T, MCB CamLej, to MCS, Quant.
Donaldson, Joseph R, 1st Mar Brig, to 2d MAW.
Stoddard, William D, 3d, 1st MAW, to MCAAS, Yuma.
Willoughby, Raymond D, 1st MAW, to 3d MAW.
Irish, James F, ForTrps FMF, to MBNB Brooklyn.
Kramer, William K, 3d Mar Div, to Nav Area Audit Ofc, LOS A.
Place, Jack V, Roanoke, Va, to MCRDEP PISC.

FIRST LIEUTENANT

Keshian, Richard, 1st MAW, to MCS, Quant.

SECOND LIEUTENANT

Raper, Donald L, Barstow, Calif, to Mar-CorSup Acty, Phila.
Whitmer, Glen M, Iberia, La, to 2d MAW.

CHIEF WARRANT OFFICER

Chapel, Raymond L, Anacostia, Wash, DC, to 1st Mar Div.
Maneely, William H, jr, G Lakes, to MCSC Barstow, Calif.

WARRANT OFFICERS

Russell, Richard S, 2d, FMF Pac, to 1st Mar Brig.

RETIRED

Colonel

Funk, Glenn C
Van Orman, Ellsworth G
Smith, John L, to TDRL.

Lieutenant Colonel

Cross, Thomas J, jr
Elliott, Joseph H, jr
Hughes, John W
Lockard, Gordon R
O'Connell, John L
Williams, Bruce F
Barnes, Wilbur R
Roach, Richard E

Major

Wright, Roland A
Buss, Wilbur J
McIlwain, James W
Nelson, Egbert V
Pearson, Thomas W
Thomson, Robert P

Captain

Butchko, Michael, jr
Head, Samuel
Hulke, Edward J
McFarland, Robert L
Robbins, Raymond B
Sudduth, Joseph F
White, Charles H
Allen, Russell U, to TDRL
Hardin, Harley S, to TDRL
Jorgensen, Eric I, to TDRL
Haws, Virgil B
Richcreek, Eugene M
La Roque, Edward A
Elmendorf, Carlin G
Skinner, Ned S

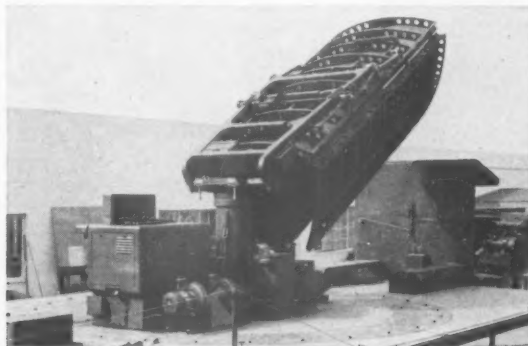
FIRST LIEUTENANT

Welch, Winifred F
Milicevich, Richard J, jr, to TDRL
Elmendorf, Carlin T

CHIEF WARRANT OFFICER

Elliott, W-4 James F

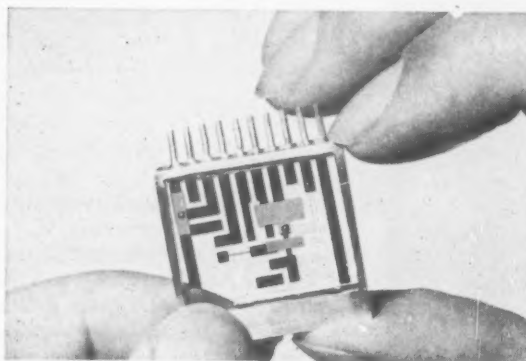
—Continued on page 17



This Hughes three dimensional radar antenna, shown in the process of retraction, is completely mobile. Working with mobile data processing systems, this antenna provides umbrellalike protection for key defense areas.

Foresight and imagination, plus tested and proven management capability—these are the factors responsible for the success of Hughes systems.

For further information—particularly about Hughes' capabilities in the Anti-ICBM area—please write: Hughes Advanced Program Development, Marketing Department, Hughes Airborne Systems, Culver City, California.



This complete flip-flop circuit demonstrates Hughes' capabilities in the field of solid state data processors. To broaden the state of the Anti-ICBM art, Hughes is drawing upon a great number of advanced electronic techniques such as this.

Creating a new world with ELECTRONICS

HUGHES

HUGHES AIRCRAFT COMPANY
Culver City, El Segundo, Fullerton, Newport Beach, Malibu, Oceanside, Santa Barbara and Los Angeles, California; Tucson, Arizona

weapon?

The ICBM is often called the "ultimate weapon." Yet, throughout history, there have been many so-called ultimate weapons. A defense has always been found.

Today, Hughes engineers are studying this defense problem. Drawing on Hughes' past experience in the development of highly successful intercept systems, they are uniquely qualified to meet this challenge.

The high order of complexity in ballistic missile interception means that all of the traditional areas involved—early detection, discrimination, acquisition, tracking, data processing, intercept and kill—must be expanded to new highs in the state of the art.

Of tremendous help are the lessons learned during the development of the first successful airborne electronics intercept system—made up of the Hughes Electronic Armament System and Hughes Falcon air-to-air-guided missiles.

Hughes is also drawing on its skills in such fields as advanced infrared and radar detection systems, satellite communications systems, electronic scanning radar systems, space vehicle technology, microwave propagation, advanced data handling and display systems, and other fields of advanced electronics.

Hughes Anti-ICBM work will be coordinated to combine the efforts of virtually every Hughes activity. In this way, every conceivable idea can be studied—and the entire spectrum of electronics broadened.

NO MORE CONTRAILS

Air Force jet aircraft flying at high altitudes may no longer leave the tell-tale smoke-like trails called contrails caused by the condensation of hot jet gases.

ARDC engineers have developed a method to reduce the size of the water vapor particles so they are no longer visible on the ground.

Col. Willetts Gets Air Base Group

Col. David L. Willetts, has assumed command of the 354th Air Base Group at Myrtle Beach AFB, S. C. He replaced Lt. Col. Richard L. Orr, who is processing for voluntary retirement early in 1961.

Colonel Willetts came from Luke AFB, Ariz., where he served as Wing Executive Officer of the 4510th Combat Crew Training Wing.

Colonel Willetts and his wife, Paula, have two children, Peter, 12, and Beth, 10.

Maj. Hutchinson To Labrador

Maj. John J. Hutchinson, Commander of the 4754th Radar Evaluation Squadron at Hill AFB, Utah, has been ordered to Goose AB, Labrador.

His wife, Helen, and their five children, Geraldine 10, Honor 9, John J., jr. 9, Bryan 5 and Mark 1, hope to join him at Labrador at a later date.

Chaplain Travers To Madrid

The Senior Catholic Chaplain at Travis AFB, Calif., Maj. William L. Travers has been ordered to Madrid.

Col. Pope Is Ops. Chief For Recruiting

Col. Francis J. Pope has replaced Col. Thomas J. Hanley, III, as Director of Operations for the USAF Recruiting Service at Wright-Patterson AFB, Ohio. Special assistant to DCS/Operations at USAF Headquarters service 1959, Colonel Pope earlier was Chief of the community relations division, Office of Information Services, Secretary of the Air Force.

Mrs. Pope is the former Miss Frances A. Bush of San Francisco. Colonel and Mrs. Pope are the parents of two daughters and two sons: Andrea Marie, 18; Jan Carol, 16; Francis J., jr., 8, and William F., 4.

Commands Weather Sq.

Maj. Gen. Karl Truesdell, jr., Twelfth Air Force Commander, has announced the assignment of Lt. Col. George A. Williamson as commander of the 25th Weather Squadron.

Colonel Williamson replaces Lt. Col. Francis A. Smith, who served as interim commander. Colonel Smith is the weather squadron operations officer.

Colonel Williamson and his wife, the former Annorah Rhizor of Washington, D. C., reside at 2705 Mt. Carmel Ave., Waco, Tex.

"GO TO CHURCH SUNDAY"

The Strategic Air Command will hold its second annual "Go to Church Sunday" on 9 October, Chaplain (Col.) George S. Wilson announces.

The command chaplain said the program "will help greatly to direct the attention of SACmen and their families to the importance of religion in our free America."

Reports last year showed that chapel attendance on Go to Church Sunday was nearly double that of previous Sundays, and a marked improvement was noted throughout the Fall and Winter months.

12th AF Hq. Gets 3 New Officers

Newly assigned officers have arrived to assume positions at Twelfth Air Force Headquarters, Waco, Tex.

From Myrtle Beach, S. C., comes Col. Robert C. Bagby, who will be assigned as Deputy for Reserve affairs. Arriving with him was his wife, the former Frances McNay of Covington, Ky., and their children Robert, 15, and Barbara, 8.

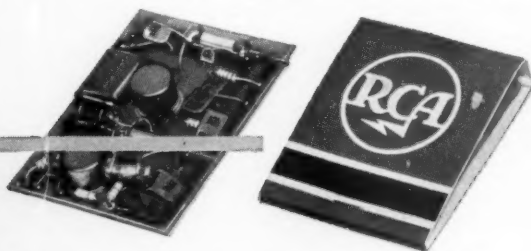
Another newcomer is Lt. Col. Byron R. Ostman from Nellis AFB, Nev., who will be Director of Supply. During the colonel's tour of duty in Waco, he will reside at 4233 N. 22d Street with his wife, the former Dorothea Cecil of Okanogan, Wash., and their seven year old son, Patrick.

Arriving from Marshall AFB, Kansas, is Capt. Johnson Roney III, who will serve as administrative officer of the 25th Weather Squadron. He is accompanied by his wife, the former Leona Schlegel of Riverton, N. J., and their three children, Johnson IV, 13; Michael, 8; and Patrick, 8. They will reside at 2616 N. 32d Street.

Thousands Will Win New Airmen Stripes

The Air Force will promote 43,623 airmen 10 October to staff sergeant, airmen first class, and airmen second class—14,923 more than in the last cycle in June.

SAC, with 14,844 new stripes allotted, will promote the most. Next, with 6,847, is ADC, followed by USAFE with 3,240.



Radio beacon transmitters no bigger than a matchbook—another RCA contribution to space-age technology.

Tiny RCA space radios help "ECHO" scientists find a pinpoint in the sky

The pinpoint is the 100-foot aluminized plastic balloon now orbiting about a thousand miles above the earth. Its purpose: to establish the feasibility of long-distance communications by bouncing radio waves off an object in space to distant points on the earth's surface.

The balloon carries two RCA radio beacon transmitters, each scarcely larger than a matchbook, yet capable of being heard for two thousand miles or more. They send signals earthward, telling scientists where to find the balloon at night or when clouds obscure the sky. Because the radios are sun-powered, they are expected to broadcast throughout the life of the balloon satellite.

These amazing radio transmitters were designed and built by the Astro-Electronics Division at RCA's Space Center at Princeton, N. J.—birthplace of the satellite and ground-based radio equipment for the "Talking Atlas" satellite, the TIROS "weather-eye" satellite system, and other space-age achievements.

This program—called "Project ECHO"—is sponsored by the National Aeronautics and Space Administration as the first step towards a new system of global communications. Eventually, television programs may be viewed around the world through the use of these orbiting "radio mirrors."

The same RCA engineering and manufacturing skills that are helping man conquer space assure the dependability of the RCA Victor black-and-white and color television sets, radios and high-fidelity systems you enjoy in your home.



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RADIO CORPORATION OF AMERICA

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U. S. AIR FORCE ORDERS

Dudley C. Sharp—Secretary of the Air Force
Joseph V. Charyk—Under Secretary of the Air Force
Philip B. Taylor—Assistant Secretary (Material)
Lyle S. Garlock—Assistant Secretary (Financial Management)
Courtland Perkins—Assistant Secretary (Research & Development)
General Thomas D. White—Chief of Staff

GENERAL OFFICERS—

Major General

McCarthy, Chester E. fr Hq Fourteenth AF, ConAC, Robins AFB, as Comdr, & add dy as Comdr, 3d AF Res Rgn; to Hq 3d AF Res Rgn, ConAC, Robins AFB, for dy as Comdr, eff 1 Sep.
Maddux, Harold R. fr Hq Tenth AF, ConAC, Selfridge AFB, as Comdr, & add dy as Comdr, 5th AF Res Rgn; to Hq 5th AF Res Rgn, ConAC, Selfridge AFB for dy as Comdr, eff 1 Sep.
Smith, Sory, fr Hq Fourth AF, ConAC, Hamilton AFB, fr dy as Comdr, & add dy as Comdr, 6th AF Res Rgn; to Hq 6th AF Res Rgn, ConAC, Hamilton AFB for dy as Comdr, eff 1 Sep.

COLONEL

Sammons, James N. Brookley AFB, to ROAMA, Griffiss AFB.

Fr Wash, DC to Sta Indicated

Crumm, William J. dy sta Offutt AFB.
Vosper, Stanley R. Hq AFCCDD, ARDC, LG Hanscom Fld.
Reed, Talmadge D. Hq APGC, ARDC, Eglin AFB.
Winkle, Charles B. Hq Fourth AF Res Rgn, ConAC, Randolph AFB.

Col. Owens Heads Transport Group

The former Deputy CofS for operations with the Air Photographic and Charting Service at Orlando AFB, Fla., Col. Marcus O. Owens, has assumed command of the 1501st Air Transport Group at Travis AFB.

The colonel, his wife, Katherine, and children, Marcus 10, Kathy 8, Danny 6, and Edward 3, reside at 113 Bradley, Travis AFB.

LIEUTENANT COLONEL

Martin, William P. Wash, DC, to 6596th Instrumentation Sq. ARDC, Vandenberg AFB.

MAJOR

Rhompson, David W. Wash, DC, to Hq 313th ADiv, PacAF, APO 239, SF.
Troutman, Lester D. Tinker AFB, to Pnt Sq Sec, USAFH, USAF Aerospace Med Cen, ATC, Lackland AFB.
Macken, Francis C. Wash, DC, to 7416th Spt Sq, USAFE, APO 118, NY.

CAPTAIN

Lindsay, Robert O. Hill AFB, to 1400th Consol Acft Maint Sq, Hq MATS, APO 81, NY.
Minear, Max W. Griffis AFB, to Det 6, 2703d Expl Ord Disposl Sq, APO 953, SF.
Klinck, Harrison H. Moody AFB, to 3560th Plt Tng Wg, ATC Webb AFB.
Davis, Thomas H. Arlington, Va, to dy sta Det 20 (USAF Sec, Brazil, Jt Brazil US Mil Comsn), Rio de Janeiro.
Pennington, Robert F. Moody AFB, to 405th Ftr Wg, APO 74, SF.
Scott, Bobby L. Wash, DC, to Hq 6940th Tech Tng Wg, USAFSS, Goodfellow AFB.

1st LIEUTENANT

Fr Moody AFB to Sta Indicated

To 3555th Fly Tng Wg, ATC, Perrin AFB:
Bugajski, G S.
Cothran, T D.
Brashear, W J.

FORMER ORDERS REVOKED—

Henson, Capt Berry W. prev ors re his ret, revo.
Meyer, Capt Philip B. prev ors re his ret, revo.
Delaney, Capt Bernard A. Jr. prev ors re his Hon Disch, revo.

RETIRED—

Colonel

Elder, Robert A.
Leone, Russel S.
Zehrung, Paul W.
Adams, William J.

Lt Colonel

Pannell, Charles E.
Russell, Barton M. & adv to Col.
Vinson, Charles D.

Major

Bellinoff, Abraham, as LtCol.
Dietrick, Emory A. as LtCol.
Crawford, Francis M. as LtCol.
Emyeart, K R. as LtCol.

Mulock, W P. Jr.
Rea, Lawrence E. Jr. as LtCol.
McLaughlin, Patrick M.
McDonald, John L.
Armstrong, James B. as LtCol.
Beanland, John E. as LtCol.
Doerschug, C W.
Johnson, Roger E.
Kelly, Edward F. 3d, as LtCol.
Stanley, Bythel B.

—Continued on page 21

13 Test Pilots Are Led By Capt. Cross

Capt. Carl S. Cross took two of the three top awards at the recent Test Pilot School graduation at the Air Force Flight Test Center, Edwards AFB, Calif. He received the Honts Trophy for all around efficiency and the Ekeren Award for flying.

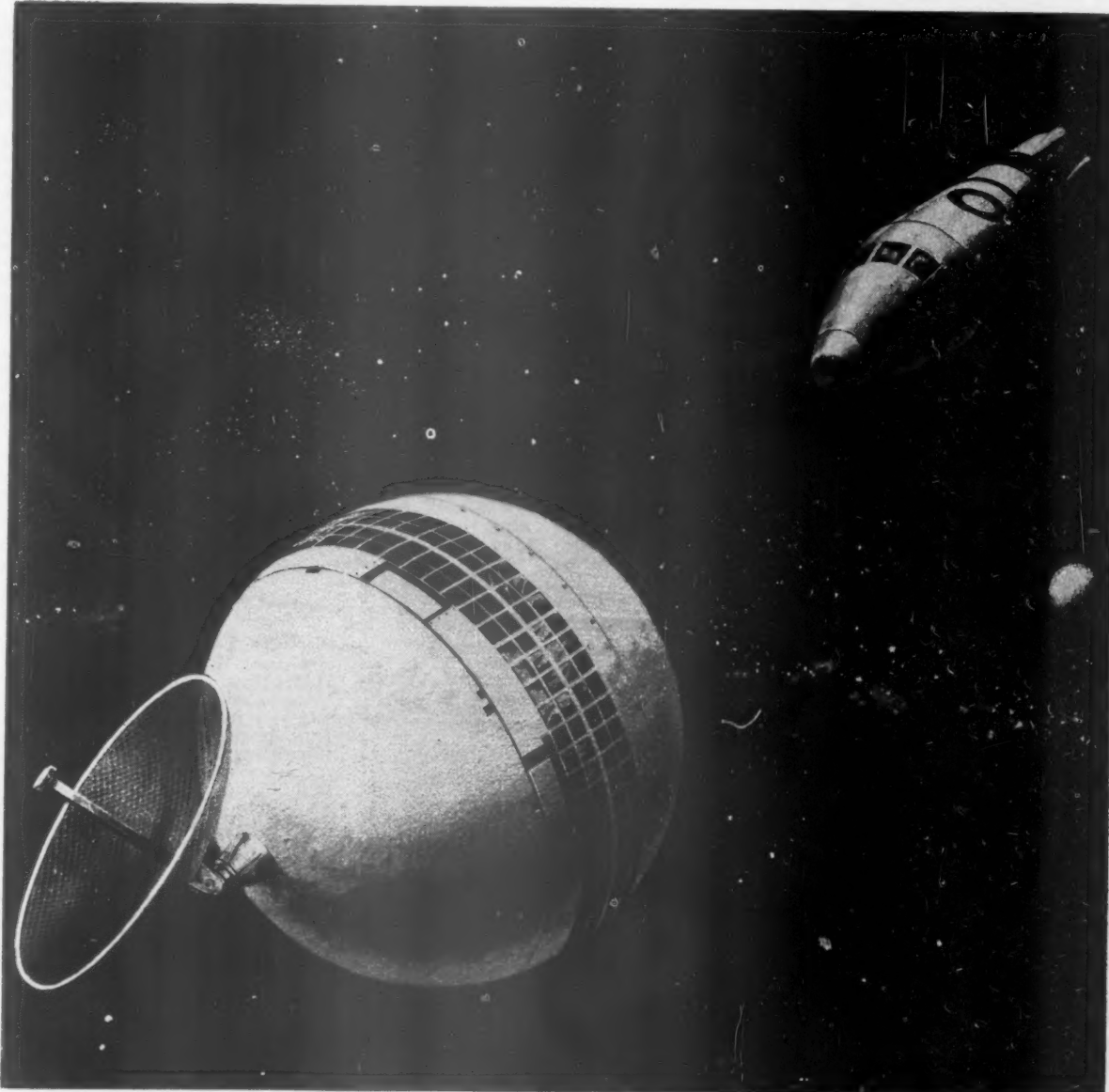
The Empire Test School Award for academic honors went to Capt. William R. Davis.

The Prop Wash award went to Capt. John H. Reddoch.

Five of the graduates will remain at

Edwards: Captains Cross, Albert H. Crews, Jr., Donald L. Evans, Lachlan McClay, and 1st Lt. Gene L. Colvin.

Headed for Holloman AFB, N. M., are Captains Robert J. Greuel and Kenneth E. Stout. Capt. William R. Davis returned to Wright Air Development Division, along with Capt. Edwin J. Hatzebuehler. Captains John H. Reddoch, Richard W. Phillips and Robert J. Vanden-Heuvel were assigned to Eglin AFB, Fla. Lt. Oluf Ericksen will return to Denmark.



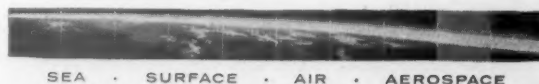
Guidance: Key to maximum Pms in space

As space technology advances, the character of space missions will become more and more sophisticated. High Pms (probability of mission success) will be increasingly dependent on precision guidance.

A major role in space guidance will be played by the gyroscope—the basic navigational reference for things inertial—and by such related technologies as space-astronautic digital computing, TV-inertial platform systems, miniature celestial inertial systems, IR sensing, and radiation resistant devices. In all of these, and in associated systems analyses such as evaluation of Pms and of overall system dynamic stability, Sperry is actively engaged.

With its unparalleled background in guidance and control over five decades, Sperry is today laying the groundwork in research, and in practical experience, for the sophisticated guidance requirements of tomorrow. Now in design or development stages are soft lunar landing and interplanetary guidance systems and controls . . . boost, mid-course, re-entry and terminal guidance . . . self-adaptive flight controllers . . . space acquisition radar systems and rendezvous controls.

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17 SEPTEMBER 1960

Can All The Nation's Leaders Be Defeated?

With the strong statement by Senator John F. Kennedy (See first page), both of the presidential candidates are now on record in support of legislation to correct the pay inequity which currently splits the retired lists into two different pay groups and breaks the long standing tradition that retired income is based on the same standards as existing active pay schedules.

This corrective legislation passed the House unanimously but died in the Senate, even though there was an evident majority in favor of it. It died solely because one Senator in a key position used it to further his own project to totally revise the retired pay system.

While our system of government permits the will of the majority to be thwarted for a time, the question is, will it permit the majority to be permanently defeated? We do not believe so. We believe that in the new Congress the leaders will insist that action be taken. We hope this will be done promptly and that there will be some degree of retroactiveness to it so that the long delay will not be a total loss to those penalized by present conditions.

Six NATO Navies In Combined Exercises

Fighting ships and aircraft of six NATO nations are ready to begin combined exercises next week to test their progress in working together. The problems they will tackle include those of submarine warfare, anti-submarine warfare, surface raiding and defense against surface raiding, replenishment at sea, and air strikes.

The series, known as FALLEX 1960, is the third. They have been held every three years under NATO's Supreme Allied Commander Atlantic, a post now held by Admiral Robert L. Dennison, USN, who is also Commander US Atlantic Fleet.

Biggest of the 1960 exercises will be SWORD THRUST which will be held in the North Atlantic and Norwegian Sea from 20 September to 1 October conducted by VAdm. Harold T. Deutermann, USN. Participating will be more than 60 ships, 400 carrier planes, and 35 land-based aircraft, the latter including U. S. Navy patrol planes and aircraft from the RAF Maritime Patrol.

Numerous small exercises are conducted by SACLANT each year, but the biggest are held only once every three years. They represent the culmination of studies continuously underway to improve the methods and tactics of combined operations.

Other phases of FALLEX 1960 will include exercises FIRST WATCH and SECOND WATCH which will be held in the Eastern Atlantic and English Channel. These will concentrate on anti-submarine and shipping protection.

Meanwhile in the Eastern Mediterranean NATO forces will be engaged in Operation SETBACK under Admiral Charles R. Brown, USN, and in the Western Mediterranean in Operation MEDFLEX under British Admiral Sir Alexander Bingley.

It is Operation SETBACK which apparently irritates Russian Premier Nikita Khrushchev the most and led him to charge to American Ambassador Llewellyn E. Thompson that NATO is planning to send a plane over the Black Sea and thus further provoke the Soviet Union. A NATO nation, Turkey, has hundreds of miles of shoreline on the Black Sea so that its waters can not by any means be considered Russian property.

The six participating nations look forward with considerable interest to the results of the forthcoming exercises. The 1957 series paid "big dividends" according to Admiral Jerauld Wright, who was then SACLANT commander, but it also revealed deficiencies. Some of the shortcomings were in antisubmarine warfare; others were in communications which were badly upset by electronic disturbances in the northern areas. How much progress has been made in these areas in the past three years will be demonstrated during the next three weeks.

Readers' Views

Undermining Armed Forces

■ You and your staff are to be commended for the excellent manner in which you have pin pointed the actions of Senator John Stennis in killing the pay equalization act in the Congressional session just closed. This man may think he is sincere in his actions, but he is undermining the entire Armed Forces, to the detriment of the country, therefore he should be kept under constant attack.

Senator Lyndon B. Johnson replied to me under date of 16 August, 1960—the same letter was published by you in your issue of 27 August, although written to another officer—and coyly pointed out the original fault was committed by the Administration, but went on to say he had been assured by Senator Stennis the House Bill was being given careful consideration, and that he, Senator Johnson, was in favor of its passage.

Neither Senators Johnson, Kennedy, Russell nor Jackson had the courage or inclination to force this measure to the Senate floor, but allowed Senator Stennis to kill it during the closing moments of the session. What a farce, and how utterly it destroys the illusion of the Senate of the U. S. being the greatest deliberative body in the world. Conversely, they increased their own retirement benefits during the earlier portion of the session.

The House Bill passed that body without a dissenting vote, and the House of Representatives is more truly representative of the people, nevertheless Senator Stennis saw fit to deride their judgement.

Unless service people, and their dependents, relatives and friends, make themselves felt in the coming election, they will soon find their rights can be abrogated at will.

FRANK E. HUSTON
COLONEL, USAF-RETIRED
516 BELOIT AVENUE
BERKELEY 8, CALIF.

A Right To Complain

■ I feel, strongly, that the handling of HR 11318, in the Senate, was badly managed and the inclosed article sets forth my thoughts in this connection. I feel, further, that someone should air these views.

The opening sentence of my statement (which follows) is doubtless the reason that many retired officers decline to set forth their real views on this matter: The fear of reprisal, from some source, to their detriment, which possibly might effect their retired pay.

I think that the ideas set forth in the article need publication in one way or another. On the other hand, I also think that if a Retired Officer might jeopardize his future by signing such an article, he should be protected by anonymity and regarded as a confidential source by the publisher.

The Reader's views follow:

It may be a risky business for retired personnel to criticize any members of Congress, of either House. This is obvious from the dearth of comment,

which might have been forthcoming from the thousands of Retired Officers who remain the victims of the failure of the Senate during the 87th Session to consider HR 11318 which, if passed, would have equalized all retired pay and remedied an injustice.

Well, my fellow officers who have also lost out on this deal, this is an election year. Although most of us are helpless to take direct action on the political career of the one person who has stymied our chances at this Session of the Congress, there are quite a number of his constituents who are vitally affected; it would seem appropriate for them to make their political power evident. Also, to those who like the writer, have appealed to their Senators and, who have gotten the old "brush-off" on the grounds that they are not members of the Senate Sub-Committee on military pay, should be made to feel our displeasure. These gentlemen are sent to the Congress to look out for the interests of their constituents and the fact that they are not actually members of a given committee is no excuse for them to dodge this responsibility.

It appears to the writer that many politicians who manage to get themselves elected to the Congress, and especially to the Senate, shortly begin to think that they have a real personal equity in their offices; that they have a special claim on the United States Government. An example of this is the fact that they, themselves, feather their own nests in regard to their pay and prerogative but are loath to help other servants of the Government. There are many sincere members of the Congress and the writer does not mean to indict them in toto.

However, when it is possible for one member of the Senate to completely dominate and vitiate the will of the majority it would seem that democracy is being flaunted. If this gentleman wants to economize, the pay and prerogatives of the members of Congress are a good place to start; not only that, but such a move would show his sincerity. This latter is not to be expected.

Now, my fellow officers, we have a complete and legal right to raise hell, politically and otherwise, when we are wronged and I suggest that we get busy on that basis and quit trying to "butter up" our national representatives in Congress. This but leads to a completely dead end. As much as we would like to think that our government appreciates what we have done in the service of our Country, we cannot think thus when it is obvious that we are being made the victims of one Senator who has the power given him to damage so many deserving people.

A RETIRED COLONEL

(Letters to the Editor must have author's name and address, but name will be omitted on publication if writer so states. Longer letters may be extracted for publication.)

IN THE JOURNAL

General Marshall Boosted For Top Defense Post; Last Potomac Reunion Seen; Horses Cost More

10 Years Ago—A major turnover in the leadership of the Department of Defense was in progress this week. Mr. Louis Johnson, who has been under increasingly intense fire since his appointment 18 months ago, submitted his resignation on 12 Sept. President Truman accepted it that day and specified that it would be effective 19 Sept. In his formal letter of resignation released to the press, Mr. Johnson suggested the appointment of General of the Army George C. Marshall to succeed him—"a man of such stature that the very act of naming him will promote national and international unity."

50 Years Ago—What is expected to be the last reunion of the Society of the Army of the Potomac will be held on the battlefield of Antietam, Md., Saturday, Sept. 17. The last big reunion was held in Washington in 1906, and there were some 400 members on hand. It is expected that not more than 150 will be on hand this year.

97 Years Ago—Government has just made a contract for 1,000 horses, at \$145 each. The price of horses has steadily advanced lately.

General Everest Of TAC Reports On Thunderchief's Role

From first page—
longer be forced to stand by in frustrating inactivity while enemy logistics moved with impunity under cover of weather or darkness.

All Purpose Aircraft

The ultimate need for an all-purpose aircraft to accomplish the numerous tasks of tactical air was first realized shortly after World War II. The requirement as stated then was for one highly versatile weapon system that could perform air superiority, interdiction, close support and reconnaissance missions in any type war.

The concept of specialization in tactical aircraft, which was given some support during and immediately after the Korean War, was discarded for many reasons, not the least of which was the exorbitant cost of developing and maintaining several types of aircraft with limited production runs. Moreover, with the development and refinement of miniaturized atomic weapons, inflight refueling, and compact electronic navigation and bombing equipment, an all-around tactical fighter was well within the reach of technology.

The F-105 was the first weapon system planned from its inception as a multiple mission fighter. Its three most characteristic features—high and low speed stability, a complete radar navigation and bombing system, and an internal bomb bay big enough to carry a nuclear weapon—were designed to give the Thunderchief the versatility to perform equally well as an air superiority fighter, nuclear bomber or close support fighter-bomber. With electronic pods it could also do the tactical reconnaissance job.

Go Anywhere In the World

As this new aircraft becomes operational in numbers, we will have a Mach two air defense weapon ready to go anywhere in the world where high perform-

ance aircraft are available to the potential foe. At the same time, we will have a supersonic bomber which can penetrate an elaborate enemy air defense, find its target, and discharge an atomic weapon without visual reference to the ground.

Of more immediate interest to the Army commander concerned with close air support, the F-105 will also deliver the complete family of high explosive ordnance, napalm, rockets and the relatively new GAM-83 Bullpup air to surface missile. Its 20mm Vulcan automatic cannon, a 6-barrel rotating "Gatling" gun, will fire 6,000 rounds a minute. Again stressing versatility, the aircraft can also be equipped with the air to air Sidewinder missile, which proved so effective in the hands of Chinese Nationalist pilots in air battles over the Taiwan Straits in the summer of 1958.

Another important factor in close air support, the F-105 will perform exceedingly well at 200 to 400 knots, the speed range of the P-47 and the P-51 of World War II. In further comparisons with its piston predecessors, the Thunderchief offers a more stable bombing and gunnery platform, and because of its sophisticated bombing system, it can deliver a payload with far greater accuracy. Moreover the aircraft's high performance characteristics make it much less vulnerable in the battlefield environment. As a result it can loiter in the target area with some degree of immunity for two to four hours, depending of course on the distance from home base.

Automation Aids Pilot

To assist the pilot in accomplishing the variety of tasks that in the case of a bomber normally would be performed by a three to five-man crew, many of the time-consuming combat functions of the F-105 have been reduced to automation. For instance, the aircraft's Doppler navigation system automatically computes the pilot's position, ground speed, and

track distance to target, thus eliminating the dead reckoning problem. His NASSAR (North American Search and Range Radar) navigation equipment permits him visually to follow his route on the ground. Depending on the target's radar reflectivity, his NASSAR radar and thunderstick and fire control system will perform the bombing problem entirely automatically in any kind of weather. In addition to the more conventional dive, skip and toss bombing methods, the pilot can accurately deliver a weapon in a level attitude at either high or low altitude.

Close Air Support

As can be seen, the close air support function of the F-105 was accorded a high priority. Indeed, as much attention was given this facet as was its air superiority and nuclear delivery functions. However, the combat veteran of World War II and Korea does not need to be reminded of the paramount importance of gaining some degree of air superiority in the early phases of any war. Without it, close air support missions would be futile. Certainly the F-105's capability to destroy enemy aircraft on the ground and in the air, and thus prevent them from attacking our own troops, must not be overlooked.

The F-105 was first flown in May of 1956. The first aircraft was delivered to the Tactical Air Command two years later and assigned to the Fourth Tactical Fighter Wing at Seymour Johnson Air Force Base, N. C. Since that time the F-105B, an early model without NASSAR equipment, has completed nearly all of its development and functional testing and is now in the operational phase testing. The F-105D, the fully equipped version, is presently undergoing functional testing.

Three squadrons of the Fourth Tactical Fighter Wing have received most of their F-105B aircraft. The fourth

squadron, in conjunction with Air Research and Development Command, is engaged in the testing program. It is expected that the F-105D's will largely replace the F-100's overseas in United States Air Force, Europe and Pacific Air Forces. Some will go to the 4520th Combat Crew Training Wing at Nellis Air Force Base, Nev., which will conduct F-105 crew training for the entire Air Force.

Record Breaker

The Thunderchief has already demonstrated its top speed and maneuverability in international competition. Last December an F-105 piloted by Brig. Gen. Joseph H. Moore, Commander of the Fourth Tactical Fighter Wing set a world speed record of 1216.4 mph for the 100 kilometer closed course at Edwards AFB, Calif. It is certain to receive further recognition as it becomes fully operational.

At this point we are highly impressed with the F-105. It is an honest, capable aircraft with a highly reliable Pratt Whitney J-75 engine of 26,500 lb. thrust with water injection. To date, its accident record has been exceptional for a single aircraft undergoing test and initial check out. The first jet fighter in the Air Force to fly ten months without a major accident, it has been involved in far fewer mishaps for a given number of flying hours than any other century series fighter.

As in the case of any new production aircraft, there have been problems in placing the F-105 in an operational status. However, these problems have been astoundingly small and inconsequential in comparison with those we have experienced with earlier aircraft. The people who fly and maintain the F-105 are convinced that the Air Force has made a wise investment in terms of additional capabilities for the Air Force and additional security for our nation.

Industrial College Given Wider Scope In New Charter Issued By Joint Chiefs

A more comprehensive view of National defense will highlight this year's and future courses at the Industrial College of the Armed Forces, Ft. McNair, Washington, D. C.

Spelled out in the College's new charter, just issued by the Joint Chiefs of Staff, the new view will emphasize all aspects of U. S. and Free World economics as they affect any conceivable international conflict.

In the past, the college dealt primarily with the economic problems involved in wartime mobilization.

It was recognized, however, that a prolonged international conflict which would allow for full mobilization is but one of many threats facing the Free World.

As a result, courses at the college will now place major emphasis on the ability of the U. S. and its allies immediately to respond to all possible situations, from cold war to post-attack recovery in a nuclear war.

It is expected that a new and broadened charter also will soon be issued to the National War College at Ft. McNair.

The scope of studies at ICAF, as set out in the new charter, will now include:

- Orientation in the broad aspects of national and world economic, political, and social conditions and trends.
- Study and analysis of the structure and operation of the Department of Defense and other government organizations concerned with the economic aspects of national security.
- Study of the organization and processes for determining total requirements for national security, for balancing them against total national assets, and for translating adjusted requirements into programs and budgets.
- Study of methods and means of implementation of joint and combined logistic plans and the relations of these plans to joint strategic plans and to the economy of the nation.
- Study of human and material resources as elements of national power

and the impact of new economic, social, and technological developments upon the resources position of the nation.

- Study of the problems of and measures for management of the national economy and for insuring the continued functioning and strength of the economy under all conditions of international conflict and for postattack rehabilitation.

- Study of the production and business aspects of the national economy as related to security and analysis of those factors vitally affecting industrial preparedness and mobilization programs under all conditions.

- Study of the major policies and problems involved in procurement and distribution of materiel required for national defense.

- Study and evaluation of the comparative economic capabilities and potential of major nations and regions for international conflict.

- Study of the impact of scientific research and technological development on national security.

- Study and analysis of any other economic, industrial or related factors considered significant to national security.

ICAF and the National War College operate under the direct jurisdiction of the Joint Chiefs of Staff.

Newport Supply Depot Changes Commanders

Captain Jack G. Dean has relieved Capt. Thomas A. Brown as Commanding Officer of the Naval Supply Depot, Newport, R. I.

Captain Dean previously was Director of Planning at the Navy's Bureau of Supplies and Accounts. He and his wife Lillian will reside at Quarters A, Naval Supply Depot, Newport.

Captain Brown reports to Washington, D. C. as the Deputy Chief of the Bureau of Supplies and Accounts for Transportation and Facilities.

Army Revives Study Of Irradiated Food

A Quartermaster Research Facility, designed specifically for use in connection with the Army's irradiated food program, will be constructed at the Quartermaster Research and Engineering Center, Natick, Mass.

The research facility will be built in lieu of a full-scale production plant, originally planned to be constructed at Stockton, Calif. Construction of the Stockton plant was suspended last October pending further laboratory studies to determine the feasibility of radiation as a practical means of food preservation. The Natick facility will assist in these studies.

Much of the planning and equipment developed for the original Stockton plant at a cost of \$1.3 million dollars will be adapted for use in the Natick facility. It is estimated that an additional \$1.8 million will be needed at Natick.

Pick B/G Daugherty For Reserve Board

Brig. Gen. Frederick A. Daugherty, NGUS, of Oklahoma City, has been appointed a member of the Reserve Forces Policy Board for a three-year term. He succeeds Maj. Gen. William H. Harrison, jr., NGUS, whose term has expired.

General Daugherty, a District Judge, in Oklahoma County, Okla., has served as a member of the General Staff Committee on Army National Guard Policy since his appointment in 1957.

"Holiday" Honored

Ted Patrick, Editor of *Holiday Magazine*, was presented with a Department of the Army plaque, with citation, by Under Secretary of the Army Hugh M. Milton, following a luncheon at the National Press Club, Washington, D. C.

The citation praised an article in *Holiday Magazine's* September 1960 issue on "The United States Army," written by Charlton Ogburn, jr.

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MEMO--

THE BOLTE COMMITTEE will complete its basic survey of Officer Personnel Act recommendations before 1 January, but transmittal of legislative proposals to Congress will be delayed. It will take months for legal specialists to translate proposals of the all-Service Committee into legislative language.

THE OUTLOOK NOW IS that the personnel changes which will be recommended by the Committee, headed by General Charles L. Bolté, USA-Ret., will not be acted upon by Congress before the 1962 session. However, there is always the possibility that the Armed Services or Appropriations Committees next year will ask for details on the forthcoming Bolté Report.

THE SENATE ARMED SERVICES COMMITTEE inquiry concerning retired military pay will not be complete unless the legislators have a comprehensive understanding of present officer personnel policies and changes which the Bolté Committee will propose. It remains to be seen how deep the new Pentagon study goes into the problem of Service retirements.

GENERAL GEORGE H. DECKER, the Army CofS-designate, certainly will be able to claim that few, if any, nominations considered by the Senate Armed Services Committee received more rapid action than his. After the presentation of routine biographical data at a closed door session, Senator Richard B. Russell, Chairman, commented that General Decker was the first non-West Point graduate since General of the Army George C. Marshall to be named CofS. General Decker said: "I believe that is correct, sir."

AFTER SENATOR RUSSELL had made this comment, he quickly asked for further questions from the Committee. Senator John Stennis (D-Miss) wanted to know how long General Decker was a second lieutenant. The answer: "I was a second lieutenant for six long years." Senator Stennis had another question: "Then how long a first lieutenant?" General Decker replied: "I was a first lieutenant for five years."

SENATOR STENNIS COMMENTED to General Decker: "That seems to be a long time, but I believe that is one of the reasons why you are where you are now, that seasoning." General Decker said: "I agree with you, Senator. What you learn at the company level is something that you never lose." And that was the start and finish of the questioning. The nomination was approved forthwith.

THE NAVY WILL NAME about 24 officers for Polaris training during 1961. Officers named for missile and navigation training will include both nuclear and non-nuclear specialists.

THE SEARCH IS ON FOR LOST ART depicting Air Corps activities in World Wars I and II. Because "much of the pictorial history of the Air Force has been misplaced or destroyed through our early years," the Air Force said, it is requesting Air Force members and friends "to be on the look-out for art work of historical significance pertaining to our early days of aviation." Contact point is the Office of Pictorial Art, Headquarters USAF, Room 5C968, The Pentagon, Telephone OXford 77522.

ARMY MAJ. GEN. C. STANTON BABCOCK will take over the billet of Director of the Mutual Weapons Development Team in Paris, France, in October. Former Commander of the VIII Army Corps, Austin, Tex., he succeeds Lt. Gen. Thomas B. Larkin, USA-Ret., MWDT Director since 1955.

NOISE LEVEL RESEARCH in the Air Force has been quieted to a considerable degree by budget cuts. Current expenditures on research on "aircraft and missile acoustic energy" (noise) are \$1 million per year. This is half the outlay of three years ago.

A NAVY MEDICAL OFFICER, Capt. George W. Hyatt, has resigned his commission after 16 years service to become Professor of Surgery (Orthopedics) at Georgetown University, Washington, D. C. He had been Director of the Navy's Tissue Bank, which he organized in 1949, an instructor at Georgetown and a consultant to the Navy Surgeon General.

ACCENTING THE ONE-WAY PROPOSITION that the Government always has the right to collect overpayments to its personnel, but persons who were underpaid can not always recoup their losses is a \$2,199.60 decision of the Comptroller General. The Journal on 3 September revealed that persons shortchanged by the Government can not always recover the full amount due them. This week the Comptroller General revealed that he has "no authority to cancel or waive" the \$2,199.60 debt incurred by SFC Robert J. Scanlan, as the result of erroneous per diem credits in 1953 and 1954. The sympathetic Comptroller noted however, that "it is unfortunate" the erroneous payments were made.

MALE MARINES SAY WOMEN MARINES should be permitted to wear Bermuda shorts while engaged in recreational activities. The annual Staff NCO Symposium which met at Camp Pendleton, Calif., with two Women Marines as members, proposed that the ladies "be permitted to wear Bermuda, but not brief, shorts..."

STANDARD DECAL for use on private autos throughout the Marine Corps also was recommended by the NCO Symposium. Another item concerned the need for adequate bachelor SNCO quarters on all posts and stations.

CONCENTRATED GROUND AND AIR training in the use of the GAM-77 "Hound Dog" missile is underway at Eglin AFB. The training is the joint effort of the 4135th Strategic Wing and the SAC project office. Four-man groups consisting of the aircraft commander, pilot, navigator, and radar navigator from the "standard" or standardization crew from other SAC units take a week's training at Eglin and are checked out on "Hound Dog" maintenance, safety, and standardization. Trained and back at their home bases are crewmen from the 4241st Strategic Wing, Seymour-Johnson AFB, and the 72d Bombardment Wing at Ramey AFB, P. R. Next to take the course will be a group from Blytheville AFB, Ark.

NEW WEAPONS AND EQUIPMENT are not replacing the soldier, Army Secretary Brucker said in connection with the dedication of the new production line for the M14 rifle (see story page 3). The indication is, he said, "that the soldier must be more capable than ever before of defeating on the ground the enemy soldier, who is sure to be equipped with the finest implements of war which his nation can devise."

THE ARMY AND AIR FORCE EXCHANGE SERVICE is in balance again. Col. Clarence J. Galligan, USAF, has assumed duties as deputy chief of the joint service with headquarters in New York City. He succeeds Brig. Gen. Ray J. Laux, USA, who stepped up to be Chief of the organization. The job of chief has rotated between the two services with the deputy position always being filled by an officer of the other service. Colonel Galligan was formerly deputy controller at AMC headquarters at Wright-Patterson AFB, Ohio.

THE PEOPLE-TO-PEOPLE project started in Izmir, Turkey, by Col. Matthew J. Bartosik, USA, will go forward even though his tour has ended and he has been ordered back to the States for duty with the National Security Agency at Ft. Meade, Md. Known as "Mr. Bridge," Colonel Bartosik started Izmir's first international duplicate bridge club. It attracted a wide membership from a variety of nationalities. Play is conducted in English, but the good-natured post mortems are conducted in Turkish, Greek, French and Italian, as well, and have been the source of great fellowship and close friendships.

THE MARITIME INDUSTRY received 74% of the \$359 million spent by the Navy's Military Sea Transportation Service in Fiscal Year 1960. Principal recipients were berth line operators, tramp ship operators, commercial operators of government-owned ships, and private ship repair yards. Under command of VAdm. Roy A. Gano, USN, MSTs was responsible for the transportation of 10.9 million measurement tons of cargo during the year.

SINCE MSTs WAS ESTABLISHED in October 1949, 188,937,716 tons of cargo has been delivered, 14,368,153 passengers and 1,200,012,076 barrels of POL. Commercial carriers (time charter, voyage charter, and shipping contract) accomplished 68% of the petroleum workload.

AN IMPROVED METHOD for detecting microorganisms responsible for food spoilage and, possibly, food poisoning outbreaks will be sought by John E. Despaul of the Armed Forces Military Subsistence Testing Laboratory, who has been awarded a Secretary of the Army's Research and Study Fellowship. Mr. Despaul will undertake graduate study and research at the University of Kentucky, at Cambridge University in England, and at the Central Public Health Laboratory in London.

ELEMENTS OF ALL ARMED FORCES have participated in smoothing the path of damage and suffering left by hurricane Donna. Drinking water, engineering and road building equipment, and relief provisions were rushed into stricken areas by ship, airplane and truck and the skilled and disciplined men of the Services put their war training to the best of peacetime uses.

JAPAN EXPECTS to be operational with the Lockheed F-104J by April of 1962. Lt. Col. Hideyuki Suzuki who headed a delegation of the Japanese Air Self Defense Force to George AFB, Calif., carried this word. Other Japanese teams are visiting Wright-Patterson, Tinker, McClellan, and Edwards Air Force Bases as well as the Lockheed plant, to familiarize themselves with the Starfighter and carry their knowledge back to their commands.

THE COAST GUARD is playing a key part in testing air navigation aids by the Federal Aviation Agency. The Cutter Androscoggin sails from Curtis Bay, Baltimore, shortly with a standard VORTAC installation to conduct tests in Chesapeake Bay and off the East Coast. It will check out the installation and permit the airlines, the military services, and the FAA to experiment with the water-based aid. The Androscoggin will then sail for her ocean station in the North Atlantic. VORTAC is a combination of the VOR omni-directional radio range and the TACAN, tactical air navigation system.

NEXT WEEK'S JOURNAL will bring direct dispatches from Journal staffers at the Air Force Association meeting in San Francisco, and a special report from the Strategic Army Corps headquarters at Ft. Bragg. A Journal staff member is also leaving to join the NATO fleet forces in the Norwegian sea for Operation Sword Thrust.

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IMPORTANT NOTICE TO MEMBERS

To those members who have been transferred or changed mailing address, please notify the Club at once, giving new address. This is especially important for those who have stated they want a Homesite on the Club grounds.

The Club is working on a plan to offer to Charter Members the first section (about 100 homesites more or less) at a greatly reduced price and if the homesite is chosen from the plat without seeing the site and later wants another site instead, he will be given full credit for all money paid in, including interest, as his cash payment on the new site. All sites may be purchased with 10% cash and the balance in monthly payment for as long as you want, up to 10 years.

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Hon. T. Webster Bell, Mayor of Leonardtown, Maryland

Senator Walter S. Dorsey, Attorney, Leonardtown, Maryland

Robert F. Gabrelcik, Chairman of the Board, Lexington Park Branch, County Trust Co. of Maryland

T. W. Harris, Former Executive, Du Pont Company, Wilmington, Delaware

Major General Ralph R. Mace, Commanding General, Northern Area Command

Vice Admiral C. B. Momsen (Ret.), Vice President, Aviation Yacht & Country Club, Consulting Engineer, U. S. Rubber Company

Colonel Wallace H. Robinson, Jr., U. S. Marine Corps Headquarters, Washington, D. C.

Richard H. Sears, Former President, Inland Oil Company, Leech & Company, Investment Bankers, New York

Earl Shifflett, Secretary, Aviation Yacht & Country Club

Lester H. Steinem, Vice President, Corporation Guarantee & Trust Co., Philadelphia, Pa.

Doctor Charles Stanley White, Surgeon, Washington, D. C.

THE AVIATION YACHT & COUNTRY CLUB, INC. has now purchased "Felicity Manor" Estate, consisting of 1,000 acres. The east side fronting on the new State Highway #234, just being completed and the west side of more than a mile frontage on the Wicomico River. The Club is about 45 minutes drive from Washington and about 35 minutes from Andrews Air Force Base.

With this much land we have ample room for the 18 Hole Championship Golf Course, Landing Strip and Hangars, Yacht Club on the waterfront with plenty of parking space. Stable and Corral with a beautiful wooded bridge path, tennis courts, swimming pools and the Main Club House with 100 suites for Members and their Guests and unlimited parking space.

The Main Club House will stand where the Manor House stood. From this high point The Lord of the Manor could see the field hands working in the tobacco fields below and watch the River Boat pulling into his docks to deliver his supplies from Baltimore and taking away his hoghead of tobacco.

After taking the land necessary for all the Club's facilities, the balance of the land is being laid off into Home Sites and will be offered first to the Charter Members. Some of the Sites will face the water, some the Golf Course and others in the wooded area or along the Drives. Regardless of where one's Homesite is, he knows he will always have the privacy and exclusiveness offered only by a Country Club. As you probably know, the Wicomico River was named for the Wicomico Indians, who were known as the Shell Fish Tribe, as this River furnishes the finest fish, crabs and oysters in Maryland. And the Natives say the river is black with ducks and geese in the winter. As one Member said, "This is a 'dream' of a place to retire, you can play golf, fish, crab, duck hunt, ride on the bridge path or fly your own plane and never leave the Club grounds."

From the very conception of this Club the aim and ambition of the Members have been to make it one of the finest Clubs in America for the Officers of the Armed Services, the Yachtsman, Executives of Certain Corporations and the Professional Man. And at this writing, with Members from 31 different States of the Union, District of Columbia and 7 Foreign Countries it looks like that ambition is assured. Though regardless of who the Applicant for Membership is, he must be acceptable to the Membership Committee.

CHARTER MEMBERS

ALL Members who have joined the Club and were accepted, those now joining, and for a limited time, those who join, are/will be Charter Members.

When the Charter Membership Drive is stopped, those joining after that time will be regular Members and, of course, paying a much larger initiation fee than the Charter Member paid and more dues.

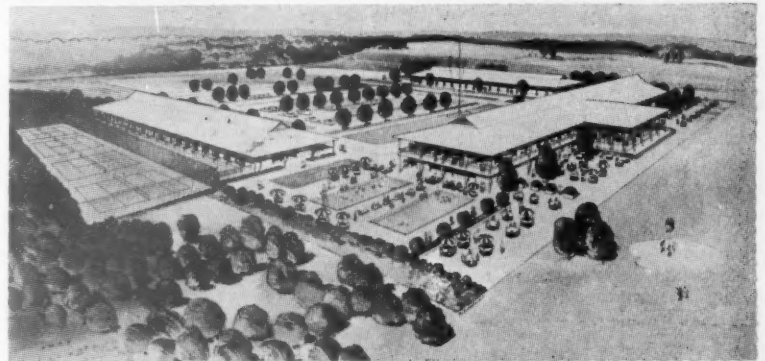
A Charter Member's dues will never be increased. If he is a Non-resident Member and becomes a Resident Member he does not have to pay any additional initiation fee and he will have first choice of homesites when they are offered to the Members, on very easy terms.

MEMBERSHIPS

There are (3) types of Members:

1. RESIDENT MEMBERS (Those living within 100 miles of the Club)
2. Non-Resident Members (Those living beyond 100 miles of the Club)
3. Corporation Memberships (For the Executives)

All Members, regardless of type. Resident, Non-resident, Academy Graduates or Corporation, who join the Club now, will be CHARTER MEMBERS. Charter Members will have many privileges that other Members will not have.



MILLS, PETTICORD & MILLS, ARCHITECTS

THE MAIN CLUB HOUSE, with 100 suites, Dining Rooms, Banquet Hall, Ballroom, Library and all facilities found in the finer Clubs in America, will be one of the largest in the United States.



INITIATION AND DUES

1. Resident Charter Members

INITIATION \$200.00 (May be paid \$50.00 with application and \$50.00 every 30 days for 3 months).

DUES \$7.50 per month, payable quarterly in advance. Monthly dues will not begin until construction has started on one of the 3 following recreations 18 hole champion Golf Course, Airplane Landing Strip or the Docks at the Yacht Club. Will have use of all other facilities even if your monthly dues have not started.

2. Non-Resident Charter Members

INITIATION \$50.00 (May be paid \$25.00 with application and \$25.00 in 30 days). DUES \$10.00 per calendar year, payable in advance.

A Non-Resident Member, who may later move within the 100 mile radius of the Club will not have to pay any additional initiation fee if he is a Charter Member.

3. Corporation Member (Based On Capitalization)

Minimum Initiation \$5,000.00. Minimum Dues \$500.00 per year.

To the above Initiations and Dues must always be added the Federal Excise Tax, 20%. If an Application is rejected by the Membership Committee, all moneys paid will be returned. When the initiation has been paid in full his membership card and a beautiful parchment-like Certificate will be sent the Member. This Certificate will add charm to any Den or Office. The initiation fee will be waived for all 1960 Graduates of the Air Force Academy, the Military Academy, the Naval Academy and R.O.T.C. who apply for Membership before November 15, 1960, and after that date within 60 days after graduation.

NO OFFICER, DIRECTOR OR BOARD MEMBER DRAWS A SALARY.

Membership
Committee,
The Aviation
Yacht &
Country
Club, Inc.
Chaptico,
Maryland

Please send the undersigned
membership application forms and brochures.

NAME

STREETZONE

CITYSTATE

1-3

We Know This Advertisement Is Not Artistic, But We Want You To Have All The Facts.

Army Orders

From page 5—

Barta, Edward J., Ft Riley, to USA Instr Gp, Idaho State College, Pocatello, Idaho.
Vias, Felipe, Ft Monroe, to USARCIB (Panama).
Beck, Bernard, Wash, DC, to USA Elm Joint Strategic Target Plan Agcy, Offutt AFB.

To Korea

Nance, Huber M., Ft Hood.
Owsley, Edward A., Wash, DC.

To Germany

Branch, Matthew D., Tallahassee, Fla.
Galloway, Robert L., Ft Lawton.
Brown, John G. C., Wash, DC.

Major

Farrell, Erwin D., Ft Holabird, to 2d Inf Div, Ft Benning.
Brobst, George W., Jr., Ft Ord, to Hawaii.
McNulty, John N., Ft Hood, to USARCIB Sch, Ft Gulick, CZ.
Fair, Robert L., Wash, DC, to USA Elm Joint Strategic Target, Planning Agcy, Offutt AFB.

To Stu Det AFSC, Norfolk, Va

Rogers, Joseph B., Ft Monroe.
Adkins, Aaron C., Cameron Sta., Va.
Gigante, James J., Jr., Ft Benning.
David, Bert A., Wash, DC.
Hartman, William F., Indiantown Gap, Pa.
Mathews, Harry T., Winooski, Vt.
McGuire, Robert D., Ft Campbell.
Psaki, Nicholas G., Jr., Ft Riley.
Richie, Howard M., Wash, DC.
Shelton, Fields E., Wash, DC.

To Korea

Ugland, Nils F., Chicago.
Steinhausen, Richard A., Reading, Pa.

To Germany

Caulder, LeRoy W., Ft Ord.
Ivey, Ashley, Ft McPherson.
O'Bryan, Ronald I., Ft Dix.
Oliver, David T., Ft Benning.
Phillips, Fred L., Ft Knox.

Captain

Truesdale, John H., Ft Dix, to USA ADGRU Korea, Yongsan.
Irizarry-Toro, Enrique, Ft Hood, to USARCIB Sch, Ft Gulick, CZ.
Froede, Albert L., Ft Jackson, to USA ROTC Instr Gp, Columbus O, w/sta Det 1, Ohio State Univ, Columbus.
Chandler, Malcolm W., Ft Riley, to USA

ROTC Instr Gp, Columbus O, w/sta Ohio State Univ, Columbus.
Ayoub, William J., Teheran, Iran, to USA Elm USMTMSA, Riyadh, Saudi Arabia.
Balafas, Angelo J., Ft Benning, to ARMISH MAAG, Teheran, Iran.

To Korea

Snell, Ira, Jr., Ft Jackson.
Fuller, Elbert E., Jr., Ft Bragg.
Payne, Richard M., Ft Benjamin Harrison.
Swinson, Calvin, Jr., Ft Benning.
Tervin, Wallace, Ft Sill.
Wolfenberger, William A., Sioux Falls, S Dak.

To Germany

Squires, John L., Jr., Ft Benning.
Ullery, William G., Ft Monroe.
Burt, George, Ft Hood.
Epperson, Jack E., Ft Bragg.
Slauson, Irvin D., Ft Holabird.
Haygood, Roy W., Jr., Ft Ord.
Todd, Nelson F., Ft Sam Houston.
Costello, Alfred P., Detroit, Mich.
Scarborough, John R., Governors Island, NY.
Malloy, John F., Jr., Ft Dix.
Evans, Timothy L., Boston, Mass.
Holley, Robert J., Ft Ord.
Holt, Robert A., Ft Campbell.
Jenkins, Wilford M., Ft Jackson.

1st Lieutenant

Degelman, Robert J., Ft Ord, to Germany.

To Korea

Moore, Charles F., Ft Lewis.
Williamson, Jack, Ft Jackson.
Sims, Wesley N., Ft Lewis.

2d Lieutenant

To Korea

Cummings, Ezra C., Jr., Ft Dix.
Franklin, George G., Jr., Ft Devens.

ARMOR—

Lt Colonel

Foster, Garrard, Ft Knox, to USA Elm CINCNELM Unified Stf, London.
Meara, William D., Ft Hood, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey.

1st Lieutenant

Milburn, George B., Ft Knox, to USASSETAF.
Bisping, Jack F., Ft Benning, to Korea.

To Germany

Miles, James L., Ft Meade.
Terrell, Claude W., Jr., Ft Riley.
Chapman, George G., Ft Knox.
Hamby, Jerrell F., Cp Irwin, Calif.

2d Lieutenant

Schloesser, Kenneth J., Ft Knox, to USA ADGRU Korea, Yongsan.

FLY-IN SET FOR ARMY AVIATION CENTER

COL. Bennett L. Jackson, President of the Ft. Rucker, Ala., Flying Club, has reported plans for a Fly-In to be held this 15-16 October. Co-sponsored by the Rucker Sports Parachute Club and Rucker Sail Plane Group, the flying jamboree at the Army Aviation Center is open to civilian and military participants.

The program announced by Col. Jackson calls for arrival and registration of attendees between 9:00 and 11:30 a.m. 15 October.

Those interested in attending the Fly-In are requested to address their cards or letters to: Commanding Officer, 2d Battle Group, 31st Infantry, Ft. Rucker, Ala. The Fly-In agenda and registration blanks will be forwarded by return mail.

To 3d Armd Cav Regt, Ft Meade

From Ft Rucker:
Gruschow, Donald C. Letchworth, Robert

To Germany

From Ft Rucker:
Carroll, John F. Sheaffer, Phillip G.
Evans, Charles H. Smart, Donald L.

ARTILLERY—

Colonel

Hines, Charles, Ft Bragg, to OJCS Strat Target Planning Agcy, Wash, w/sta Offutt AFB, Nebr.
Shoemaker, Raymond L., Sanford, Calif, to OCINFO USA, Wash, DC.
Arnold, Henry H., Jr., Stanford, Calif, to Hq Sixth USA, Presidio of SF.

To USA ADGRU Korea, Yongsan

From Ft Bliss:
Donohue, James M. Kennedy, Elmer B.

Lt Colonel

Breitenbach, Frank P., Wash, DC, to USA Elm Hq AFSE, Naples, w/sta Verona.
Reynolds, Maurice J., Wash, DC, to USA Elm MAAG, Taiwan, Taipei.

Major

Towers, Jacob H., Selfridge AFB, Mich, to Hqs 5th Region US ARADCOM, St Sheridan.
White, Lewis D., Ft Meade, to USA ADGRU Korea, Yongsan.
Smith, Elbridge A., Ft Sill, to Hq USASA Pac Zama, Japan.
Belser, John J., Ft Meade, to Korea.

To Stu Det Hq & Hq Co USALS, Presidio of Monterey

Hill, Herbert R., Ft Carson.
Merolla, Augustino L., New Britain, Conn.
Krueger, Herbert W., Ft Sill.

Captain

Tinney, Joe R., Ft Ord, to Hq USA Ord Msl Comd, Redstone Arsenal, Ala.
Farris, Thad L., Ft Totten, to Hq 90th Inf Div, Advisor Spt Comd, ADGRU VIII USA Corps, Austin, Tex.
Peek, James E., Ft Bliss, to Dy Sta White Sands Msl Range, N Mex.
McDonald, James A., Ft Rucker, to Korea.
Boswell, Ernest L., Ft Rucker, to Germany.

To USA AD Cen, Ft Bliss

Carlson, Carl A., Ft Sill.
Howe, Irving T., Jr., Ft Devens.
Maucere, Richard B., Jr., Amarillo, Tex.
Taylor, Kenneth K., Ft Niagara.
Walsh, Thomas J., New Britain, Conn.
Neil, James C., Chicago.
Stranathan, Joseph W., Cleveland, O.
Warden, Leo W., Pere Marquette Park, Ill.
Irvine, Joseph M., Ft Cronkite, Calif.

1st Lieutenant

Kellar, Robert H., Pedricktown, NJ, to 35th Arty Bde, Ft Meade.
Marvin, Edward L., Ft Sill, to Korea.

To USA AD Cen, Ft Bliss

Ferguson, James C., Milford, Mich.
Logan, James M., Ft Benning.
Rice, George R., Cleveland, O.
Shelton, Hal T., Ft Campbell.

To Germany

Sanburn, Everett O., Ft Rucker.
Wallace, John M., Ft Huachuca.
Laningham, William O., Ft Sill, Okla.

2d Lieutenant

Clements, Kenneth, Pedricktown, NJ, to 5th Msl Bn, 56th Arty, Wilmington, O.

To Stu Off Co, USAAVNS, Ft Rucker

From Ft Bragg:
Harris, Franklin N. Gray, Ted J.

"Sea Spray" Report

VAdm. Harold T. Deutermann, USN, Commander of NATO's Striking Fleet, Atlantic, has called the first week in a series of NATO Naval exercises highly successful.

Approximately 60 U. S. ships of the striking fleet are participating in Exercise "SEA SPRAY" while en route to the Northeast Atlantic to join with other NATO nation naval forces for operation SWORD THRUST.

SWORD THRUST, scheduled to commence 18 September, is the largest combined NATO naval exercise since 1957.

In the first week, extensive antisubmarine exercises, with land-based Canadian and U. S. maritime patrol craft participating, were conducted in addition to other operations.

Ord. Supply Officer

Maj. John J. O'Connor of Mercer and Pittsburgh, Pa., has been assigned to Governors Island, N. Y., as Ordnance Supply Officer for Headquarters First U. S. Army. Major O'Connor's previous assignment was at Ft. Story Va., where he was Post Ordnance Officer.

Major and Mrs. O'Connor (the former Joan Sporysz of Whitehouse Station, N. J.), have two children: John 5, and Karen 4.

BOUNDARY LAYER BREAKTHROUGH

New BLC-130 takes off or lands in five times its own length



Imagine from a s prop-jet of Lockh 2000-m cance go

The BLC mission: brush-fi

U.S.

CORPS OF ENGINEERS—

Lt Gen Emerson C Htschner, C of E
Lt Colonel

Talbott, William J, Harmon AFB, New-
foundland, to ODCSLOG USA, Wash, DC.
Vivian, James A, Monterey, Calif, to OUS-
ARMA Am Emb, Paris.

Major

Boerger, Frank C, Monterey, Calif, to USA
Elm MAAG, Italy.
Atwell, James W, Ft Belvoir, to USA Elm
MAAG, Vietnam, Saigon.
Egger, Alphonse J, Ft MacArthur, to Hq
USA Hawaii, Schofield Bks, Hawaii.
Kiblinger, Paul L, Ft Leonard Wood, to
USA Elm JUSMMAT, Ankara, Turkey.
Ikerman, Charles R, Ft Sam Houston, to
USA Elm JUSMAG, Thailand, Bangkok.

Captain

Drumm, Byron M, Ft Ord, to USARAL.
Kendall, Martin A, Ft Belvoir, to USA-
SETAF.
Ault, Donald V, Columbus, O, to USA Elm
MAAG, Taiwan, Taipei.

1st Lieutenant

Devens, John W, San Fernando, Calif, to
4th Admin Co, Ft Lewis.
Decarlo, Peter M, Jr, Ft Devens, to France.
Tompkins, Garland N, Ft Riley, to Korea.

2d Lieutenant

Seibert, Christopher C J, Ft Bragg, to
USASEC, Ft Belvoir.
Dewey, Lawrence E, Ft Rucker, to Hawaii.

To Germany

Hobson, George B, Jr, Ft Bragg.
From Ft Rucker:
Bishop, Edward L, Howard, Freeman I
Brass, Ronald W, Veidt, John H, Jr

To France

McHugh, Richard L, Ft Belvoir.
Wojcik, Joseph D, Ft Leonard Wood.

SIGNAL CORPS—

Maj Gen Ralph T Nelson, C Sig O
Lt Colonel

Duncan, Carl O, Ft Sam Houston, to USA
ADGRU Korea, Yongsan.
Muir, Willard A, Wash, DC, to USA Elm
Joint Stat Target Planning Agcy, Offutt
AFB.
Hancock, Daniel W, Wash, DC, to Project
Adv Mgt Agcy, Ft Monmouth.
Holden, Frederick L, Wash, DC, to Korea.

Major

Carey, James H, Ft Meade, to USA Elm
JUSMMAT, Ankara, Turkey.

M/G Moses Gets Fifth Army Duty; Three Brigadier Generals Will Shift

Maj. General Lloyd R. Moses, 8th In-
fantry Division, CG, Germany, will be
assigned to Fifth Army, Chicago, 15
November.

Brig. Gen. Sherburne Whipple, jr.,
CofS, Army Advisory Group, Korea, joins
U. S. Army Pacific, Hawaii, in October.
Brig. Gen. Edgar C. Doleman, G-2,

U. S. Army Pacific, Hawaii, will be as-
signed to U. S. Army Europe, Germany,
1 November.

Brig. Gen. John H. Caughey, Deputy
Director of Military Personnel Manage-
ment, Office of the Army Deputy CofS
for Personnel, Washington, D. C., has
been assigned to Eighth Army, Korea.

Link, Roger J, Monterey, Calif, to USA Elm
MAAG Germany, Bonn.
Collins, John M, Thule AFB, Greenland, to
501st Sig Bn, Ft Campbell.
Shimel, Roy E, Arlington, Va, to Germany.

To Korea

Allen, Robert W, Ft McPherson.
Gochenaur, Fred M, Wash, DC.

Captain

Manly, Clarence H, Jr, Ft Hood, to USA Elm
USEUCOM, Paris, w/sta Am Emb, Rabat,
Morocco.
Hightower, Norris E, New Orleans, to
France.
Hurst, Warren L, Ft Gordon, to USA Elm
JUSMMAT, Ankara, Turkey.
Varner, James O, Ft Devens, to ARMISH-
MAAG, Teheran, Iran.
Kelleher, Edward D, Jr, Ft Meade, to 508th
US ASA Gp, Yongsan, Korea.

To USA Elm MAAG, Vietnam, Saigon

Christensen, Dee C, Ft Campbell.
Kimmel, Clyde J, Ft Riley.
Shook, Edwin H, Ft Hood.
Verbosh, George, Ft Monmouth.

Col. Fischer at Belvoir

Col. Harry O. Fischer has assumed
new duties as chief of staff at the U. S.
Army Engineer Center and Ft. Belvoir,
Va., replacing Col. William R. Whitaker,
who retired.

Colonel Fischer previously served as
North Central Division Engineer in
Chicago.

Colonel Fischer, his wife, Dorothy,
and their nine-year-old daughter reside
at Quarters 53 at Ft. Belvoir, Va.

To Korea

Baker, Jean L, Ft Rucker.
Francis, Phillip M, Holloman AFB, N Mex.

To Germany

Brown, John P, Ft Bragg.
Zehr, Roger D, Ft Sam Houston.

1st Lieutenant

Stallings, Donald R, Ft Gordon, to Japan.
Bowes, Donald J, Ft Bragg, to Stu Det Val-
ley Forge GH, Phoenixville.

L/C Briggs Named 1st Army Aviator

Lt. Col. John L. Briggs has been as-
signed as First Army Aviation Officer at
Governors Island, N. Y.

He had been Assistant Commandant,
Army Primary Helicopter School, Camp
Walters, Tex.

Colonel and Mrs. Briggs, the former
Mary Elizabeth Rose of Oakland, Calif.,
have twin sons, John, and Edward, 11,
and another son, Richard, 7.

Kuhr, Richard E, Teheran, Iran, to USA
Sig Gar, Ft Monmouth.

Muhlheer, Joseph J, Cp Wolters, to USA-
SATC & Sch, Ft Devens.

Evans, Jacky R, Ft Riley, to USA Bdcst &
Visual Activities, Korea Det, Seoul.

Manolas, Theodore J, Ft Monmouth, to Ger-
many.

To Korea

Hughes, Paul E, Ft Gordon.
Nash, John N, Ft Gordon.

Army Navy Air Force Journal 15
17 Sept. 1960 (Vol. 98, P. 73)

2d Lieutenant

Lally, Francis B, Ft Monmouth, to France.

ADJUTANT GENERAL'S CORPS—

Maj Gen Robert V Lee, TAG
Colonel

Bollero, Angelo D, Ft Benjamin Harrison,
to USA Engr Cen, Ft Belvoir.
Koreman, Edward H, Kansas City, Mo, to
USA Elct Pr Gr, Ft Huachuca.

Lt Colonel

Turrou, Edward A, Wash, DC, to Stu Det
TJAGSA, Charlottesville.

Captain

Barger, Roscoe C, Kansas City, to 1st Inf
Div, Ft Riley.

2d Lieutenant

Washington, Raleigh B, Jr, Butte Mont,
USATC, Ft Ord.
O'Dell, Ersal D, Ft Dix, to Korea.

QUARTERMASTER CORPS—

Maj Gen Andrew T McNamara, QMG

Lt Colonel

Campbell, Robert W, Auburn, Wash, to Dy
Sta, Ogden, Utah Gen Dep, USA, Ogden.

Captain

Hall, Carroll G, Philadelphia, to USASETAF.
McKinney, Donald L, Ft Hood, to France.
Flanagan, John S, Ft Lee, to Philadelphia
QM Cen USA, Philadelphia.

1st Lieutenant

Van Camp, James P, Ft Benning, to QM
TC USA, Ft Lee.

Archle, Willie L, Ft Jackson, to Germany.

2d Lieutenant

Newell, Myron A, Ft Niagara, to USA Gar,
Cameron Sta, Alexandria, Va.
Gregory, Robert G, Ft Lawton, to France.
Zurovchak, Paul J, Ft Dix, to QM TC, USA,
Ft Lee.
Lofgren, Robert A, Ft Dix, to Korea.
King, Doyle D, Ft Lee, to 3d USASA Fid
Sta, Okinawa.

FINANCE CORPS—

Maj Gen Paul A Mayo, C of F
Captain

Lecker, Irwin E, Bloomington, Ind, to Hq
NY Rgn Mil Subs Sup Agcy, Brooklyn.

—Continued on next page

Imagine a 50-ton Hercules airfreighter lifting off in just 500 feet, from a standing start on an unprepared field. Or picture the big prop-jet stopping after touchdown in 520 feet. This performance of Lockheed's Boundary Layer Control C-130, at mid-point of a 2000-mile round trip mission, is truly remarkable. But its significance goes far beyond the spectacle itself.

The BLC-130 brings true STOL capability to Air Force support missions. Whether it has to rush 92 combat troops to a spreading brush-fire fight, or airlift 18 tons of food to some remote hunger

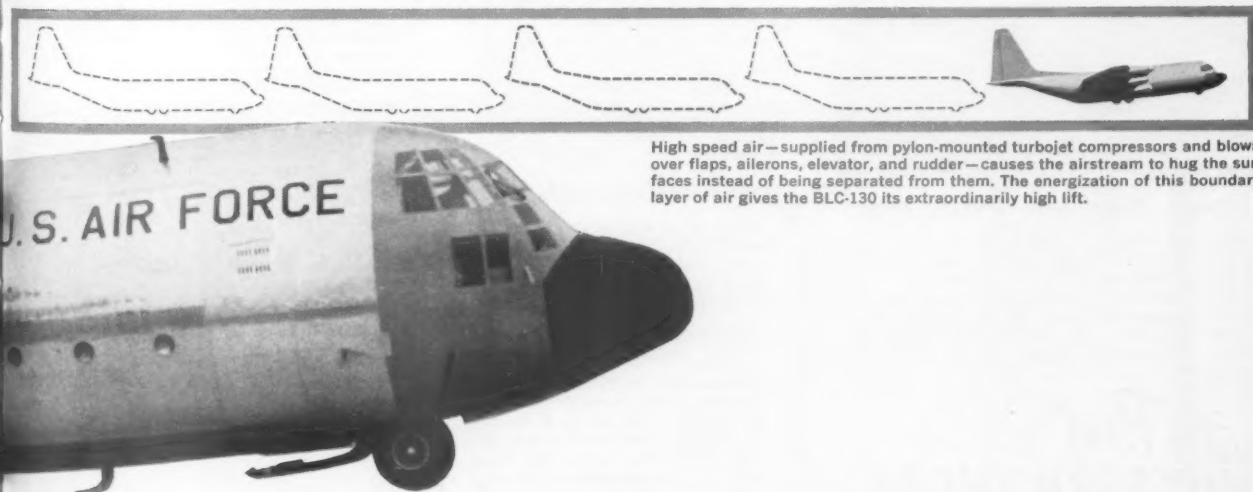
spot, the huge airlifter will be able to deliver its payload closer to the action than ever before possible.

A test bed BLC-130 has completed advanced flight tests, clearly illustrating the feasibility of boundary layer control on big planes.

LOCKHEED

GEORGIA DIVISION

MARIETTA, GEORGIA



High speed air—supplied from pylon-mounted turbojet compressors and blown over flaps, ailerons, elevator, and rudder—causes the airstream to hug the surfaces instead of being separated from them. The energization of this boundary layer of air gives the BLC-130 its extraordinarily high lift.

Commands Walter Reed

Brig. Gen. Clinton S. Lyter, MC USA, assumed command of Walter Reed Army Hospital 15 September. His last assignment was as commanding general of William Beaumont General Hospital, El Paso, Texas.

The hospital remains a component of Walter Reed Army Medical Center, commanded by Maj. Gen. C. F. St. John, MC USA.

In 1927, General Lyter was married to the former Miss Margaret L. Bishop of Kansas City, Mo. He and Mrs. Lyter have two daughters, Mrs. Dudley Ross, Jr., of Concrete, Wash., and Mrs. Everett Hall of El Paso, Texas.

Hurricane Damage

Twenty-four Ninth Air Force C-130 Hercules aircraft have landed in Key West and at Homestead AFB, Fla. with Army engineers and equipment to repair the Hurricane damaged bridge that links devastated Key West with the mainland. The Tactical Air Command planes, flying in two elements of twelve aircraft each, took off from Ft. Bragg, N. C. and Ft. Campbell, Ky. with a total load of 591,600 pounds of equipment and personnel to aid the Florida area stricken by Hurricane Donna.

Army Orders

From preceding page—

Todd, Ronald E, Ft Carson, to 107th Fin Disb Sec, Ft Bragg.
Barta, Eugene F, Ft Hood, to Lexington Sig Depot, Lexington, Ky.
Darrington, Kenneth R, Monterey, Calif, to USA Elm MAAAG, Cambodia, Phnom Penh.

To Germany

Williams, Fred D, Brooklyn.
Morgan, Preston W, Lexington, Ky.

MEDICAL SERVICES—

Lt Gen Leonard D Heaton, SG

Medical Corps

Captain

Comunale, Francis L, Ft Knox, to USA Med Fld Acty Unit, WRAMC, Wash, DC.
Moore, Ernest E, Ft McPherson, to USAH, Ft Stewart, Ga.
Plain, George L, Wash, DC, to 7th Fld Hosp, Ft Belvoir.

To Korea

From Oakland, Calif:

Agre, Keith L, Anderson, Robert K
East, Glenn E

Medical Service Corps—

Col Roy D Maxwell, Chief

Lt Colonel

French, Stanley H, Ft Sam Houston, to Germany.
Richards, Ralph J, Boston, to ODCSLOG USA, Wash, DC.

Major

Bunte, Albert G, Ft Sam Houston, to USA ADGRU Korea, Yongsan.
Kinney, Joseph M, Ft Riley, to Hawaii.

Captain

Ford, Leonard M, Ft Campbell, to Hawaii.
Herrick, William H, Ft Belvoir, to WRAIR, WBAMC, Wash, DC.

From Ft Sam Houston, to Station Indicated

Bennett, Dee, jr, USAH, Ft Devens.
Blose, Kenneth M, USAMED Depot, Louisville, Ky.
Sabot, Donald E, USA ADGRU Korea, Yongsan.

To Germany

Pedegree, Richard B, Cp Kilmer.
Simpson, Glenn C, Ft Jackson.
Parkinson, Ralph W, jr, Ft Rucker.

1st Lieutenant

Potin, James B, El Paso, to USAH, Cp Leroy Johnson.
Loy, Vance A, Ft Bragg, to 712th Med Co, BAMC, Ft Sam Houston.

To Germany

Orbello, William R, Ft Sam Houston.
Pedersen, Edward R, Ft Hood.

L/C Macaulay Will Attend Spanish War College

Lt. Col. George B. Macaulay, Arty., has been selected to represent the U. S. Army at the Spanish War College, Madrid, Spain in the course beginning in January.

Colonel Macaulay is studying Spanish at the Army Language School, Presidio of Monterey. He and his wife, Mrs. Norma Jean Macaulay, will depart for Spain early in December.

Prior to attending the Army Language School, Colonel Macaulay was assigned to the Staff and Faculty, Command and General Staff College, Ft. Leavenworth, Kansas.

2d Lieutenant

Bjornson, David L, Ft Hood, to Korea.
Hayes, Eugene W, Ft Totten, to France.

Veterinary Corps—

Brig Gen Russell McNellis, Chief

Lt Colonel

Ginn, William, Ft Riley, to Det No 36 Zone 11 Fifth USA Vet Food Insp Svc, Chicago.

Major

Rosser, William W, Kansas City, Mo, to Stu Det AMSS BAMC, Ft Sam Houston.

1st Lieutenant

Wyckoff, George H, jr, Ft Rucker, to Hawaii.
Coleman, John D, Ft McClellan, to USAH, Ft Rucker.
Ickes, Lionel C, Boston, to Hq USATTCG, Dauphine St, New Orleans.

Army Nurse Corps—

Col Margaret Harper, Chief

Major

Little, Verna B, Ft Bragg, to Tripler AH, (USARPAC) Oahu, Hawaii.

Captain

Goldberg, Louise E, Denver, to Korea.

To Stu Det Fitzsimons GH, Denver

Edward, Mary M, Ft Leonard Wood.
Levy, Alexander, Ft Leonard Wood.
Phillips, Lawrence C, Wash, DC.

To Stu Det Brooke GH, BAMC,

Ft Sam Houston

Faulk, Benson, Ft Bragg.
McHugh, Terrance M, Ft Jackson.
Mills, Cecil F, El Paso, Tex.
Huber, James O, Ft Bragg.

2d Lieutenant

Garrett, James Q, Ft Campbell, to Stu Det Brooke GH, BAMC, Ft Sam Houston.

ORDNANCE CORPS—

Lt Gen John H Hinrichs, C of Ord

Major

Holton, Robert O, Ft Gordon, to USA Elm JUSMMAT, Ankara, Turkey.
Porter, Philip D, Aberdeen Pr Gr, to USARAL.
Jones, Jackson S, Boston, Mass, to USA Ord Arsenal, Radford, Va.

Captain

Garcla, John L, White Sands Msl Range, N Mex, to Stu Det USA Ord Sch, Aberdeen Pr Gr, Md.

1st Lieutenant

Fleming, Norwood W, Chicago, to USA Ord Dep Anniston, Ala.

2d Lieutenant

Horton, Lowrey P, Ft Huachuca, to USA AD Cen, Ft Bliss

CHEMICAL CORPS—

Maj Gen Marshall Stubbs, C Cml O

Lt Colonel

Ladson, Robert N, Army Cml Cen, to USA ADGRU Korea, Yongsan.

CHAPLAINS CORPS—

Maj Gen Frank A Tobey, C of C

Major

Cousin, Lee A, Broughton, Pa, to France.

Captain

Reinhardt, Harold L, Ft Lewis, to France.
Arms, Ralph R, Ft McClellan, to Germany.

1st Lieutenant

Silva, David E, Cp Wolters, to Germany.

TRANSPORTATION CORPS—

Maj Gen Frank S Besson, jr, C of T

Lt Colonel

Huetter, John J, Wash, DC, to Stu Det USA Elm AFSC, Norfolk, Va.
Glasebrook, Arthur J, St Louis, to USA Trans Sch, Ft Eustis.

Major

Schneider, Walter E, Wash, DC, to Stu Det USA Elm AFSC, Norfolk.
Pollard, William H, St Louis, to Germany.
Thorpe, Thomas W, jr, Tacoma, Wash, to France.

Captain

Phillips, Karl E, St Louis, to France.
Forchette, Donald G, Ft Rucker, to Korea.
Webster, John J, Ft Eustis, to 325th Engr Det, Geodetic Survey Army Map Svc, Sp Fgn Acty, Wheelis AB, Tripoli, Libya.

1st Lieutenant

Mitchell, James M, Ft Rucker, to Sixth USA Ftt Det, Presidio of SF.
Bullock, Frank, 3d, Ft Sill, to Germany.

To Korea

Markley, Leighton O, Ft Lewis.
Senay, David C, Ft Lewis.
Arledge, Robert R, jr, Ft Eustis.

To France

Murphy, Jerry C, Ft Bragg.
Reiser, Andre K, Ft Eustis.

2d Lieutenant

Humphreys, Robert R, Ft Rucker, to 3d Armd Cav Regt, Ft Meade.

MILITARY POLICE CORPS—

Maj Gen Hayden L Boatner, PMG

Lt Colonel

Hawkins, Wallace E, Colorado Springs, Colo, to USA Elm Hq DASA, Wash, DC.

Major

Thorpe, Knute F K, Ft Mason, to Off Stu Det Hq & Hq Co USALS, Presidio of Monterey.

S.O. 204, 9 September

TO COLONEL

O'Connor, J J, OrdC Seifert, R A, CE

TO LIEUTENANT COLONEL

Aleff, K G, Arty Gibbs, K C, CE
Barney, A E, FC Patterson, C A, QMC
Bodenhamer, M F, Rompot, E, AS
Inf Stewardson, D J,
Connor, F J, Arm OrdC
Gandy, C V, OrdC

TO MAJOR

Hyler, D W, AI Ralston, T J, Inf
Lay, J S, Arty Sinnott, W W, jr, Inf
Ogilvie, J C, CE Triplett, D B, jr, TC

TO CAPTAIN

Altland, R W, Inf Rich, W C, jr, CE
Brown, B A, CE Smart, W E, SigC
Keller, W K, AI Sontag, P D, CE
Moore, R J, Arm Trevethan, A, OrdC
Morris, E L, CE Tussey, W J, TC

TO CWO, W-4

Warren, Virgil J, AI

TO CWO, W-3

Barker, Worth L, JAGC

Captain

Shiddell, Jack F, jr, Ft Riley, to OTPMG USA, Wash, DC.

To Korea

Ferrera, Melvin R, Ft Gordon.
Maples, George V, Sandia Base, N Mex.

1st Lieutenant

Towsend, Robert F, Ft Gordon, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey.
Riedl, William H, Ft Bragg, to Korea.

WOMEN'S ARMY CORPS—

Col Mary L Milligan, Director

Major

Alken, Andrea M, Ft Hamilton, to US WAC Cen, Ft McClellan.

Captain

Brandt, Rita L, Ft McClellan, to Stu Det TAGUSA, Ft Benjamin Harrison, Ind.
Chappell, Jacqueline R, Ft McClellan, to USA RMS, Dallas, Tex.

CHIEF WARRANT OFFICERS—

Hewitt, Clark P, Ft Bliss, to Okinawa.
Smith, Guy R, White Sands Msl Rg, N Mex, to USASSETAF.
Banks, Earl R, El Paso, to Hq USATC Engr, Ft Leonard Wood.
Koshire, Joseph J, Wash, DC, to 1st Battle Gp, 3d Inf Regt, Ft Myer.
Galloway, Jess R, St Louis, to Ireland AH, Ft Knox.
Speck, Earl L, St Louis, to USA Elm MAAAG, Vietnam, Saigon.
Cox, Kenneth W, Ft McPherson, to 7th Arty Gp, Thule, Greenland.
Crosby, Thomas L, Denver, to Stu Det USA-MOAMA, St Louis.
Gray, Charles H, Denver, to Stu Det USA-MOAMA, St Louis.

To Korea

Johnston, Dewey S, Ft Sam Houston.
Hemling, Ralph W, Ft Lee.
Kebodeaux, Milo E, Ft Eustis.
Wood, James W, Ft Eustis.
Scully, Edward F, jr, Ft Ord.

To Germany

Gordy, Raymond E, Ft Benning.
Lewis, Harold W, Redstone Arsenal, Ala.
Warner, Thomas R, jr, Ft Stewart.
Rutter, Robert R, Cp Drum.

RETIRED—

Colonel

Vest, Hugh A, Sig C.
Pollock, Byron E, Mc, pd (60%).
Pnige, Ralph E, pd (10%).
Dale, John R, TC, pd (30%).
Jackson, Louis W, AGC.
Kerlin, Henry C, Armor.
Connor, James W, QMC.
Churchwell, William H, JAGC.
Wilder, Lyndon S, DC.
Brunner, Clarence O, Inf.
Plew, Ralph V, MC.
Hubbard, Jerome, AGC.

Lt Colonel

Artz, Curtis P, pd (60%) fr temp disab ret list.
Klonka, John, Ord C, pd (80%).
Sanders, Henry L, QMC.
Thomas, William R, TC.

Major

Wallner, Joseph J; Mil records corrected: ret as Lt Col USAR.
Fleming, Janet M, ANC.
Baggett, Ella L, ANC.
Hoppock, Eleanor M, ANC.

Captain

Ramsey, Harvey E, pd (60%) fr temp disab ret list.

1st Lieutenant

Linger, Albert F, AGC, pd (70%).

—Continued on page 20

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Navy Orders

From page 6—

Ogle, Elvin C, CO USS Castor; to Ofc of Legal Affairs, NavDept.
Overton, Nell J (DC), BuMed; to Nav Dental Clinic NavWpnPlant WashDC.
Pace, John E, CO USS Lenawee; to Com DesRon 1.
Poole, Donald J, CO NAS Mpls; to CO Nav MarCoResTraCen Milw.
Rader, George C (DC), MuMed; to Nav AdminCom USNavPGSOL Monterey.
Reich, Eli T, Op Nav; to CO USS Canberra.
Ruhlman, Fred L, BSNVShipyd; to Sup Ship Westwego.

COMMANDER

Beasten, Robert C (SC), ASO PHILA; to NAS LAKEHURST.
Brown, Howard S, jr (MC), NAVHOSP OAK; to BLODGETT MEMORIAL HOSPITAL GRAND RAPIDS DUINS.
Cornell, Leland B, OPNAV; to STRATEGIC TARGET PLANNING OFFUTT AFB.
Cox, James L, FLEWEACEN SUITLAND; to CO FLEWEACEN SUITLAND.
Jones, William B (SC), ONM NAVDEPT; to MAAG JAPAN TOKYO.
McCoy, Donald E, DASA WASHDC; to STRATEGIC TARGET PLANNING OFFUTT AFB.
Oxendine, Thomas, FITRON 124; to TRA RON 2 NAAS WHITING FLD MILTON.
Rogers, William R (CEC), ASST ROICC AREA FOUR BUDOCKS CONTRA ROTA; to AFSC NORVA DUINS.
Smith, James W, USS VALLEY FORGE; to OPNAV.
Spuhler, Ralph W, PHOTOCOMPRON 61; to STRATEGIC TARGET PLANNING OFFUTT AFB.
Weaver, Joseph M, IND; to CO NAVMAR CORESTRACEN BIRMINGHAM.
Wilhte, Drewery R, STAFF CINCPACFLT; to COMDESDIV 152.
Woolley, Millard J, CARAEWRON 11; to USS ANTIETAM.
Brady, Donald B, FLETACGRU SDIEGO; to PHOTOCOMPRON 63.
Jernigan, William A, jr, COMCARAIGRU 9; to NAVANTRACOM NAS CORPC.
Kitt, Robert B, CO USS BLUE; CO USS COLLETT.
Lanaghan, Donald P, TRARON TWO NINE NAS CORPC; to PATRON 2.
Murphy, Samuel B, AFSC NORVA DUINS; to CO FITRON 91.
Rauwolf, Robert J, jr, FLETACSUPPRON 21; to AIRTRANSRON 7.
Baney, Sidney N, NAVWARCOL NPT DUINS; to STRATEGIC TARGET PLANNING OFFUTT AFB.
Behrens, William W, jr, CO USS SKIP-JACK; to CO USS ETHAN ALLEN.
Dunkum, Hugh H, jr, USS VALLEY FORGE; to NAF LAJES.
Hashmall, Benjamin, CHNAVSEC USMIL TRAMIS SAUDI ARABIA DHAHRAN; to NAVPHIBSCOL CORONADO.
McLanahan, Clarence E SC, USS GRAND CANYON; to MILCONSTSUPAGENCY COLUMBUS.
Nunnery, Edward D, NAS SANFORD; to AIRANTISUBRON 37.
Poindexter, John T, USS YORKTOWN; to JSTAFF CINCPAC.
Schubert, Russell C, BARPAC; to PATRON 9.
Scott, William J, 3d, USS ALAMO; to OP NAV.
Sloan, Stanley E, USS TICONDEROGA; to BUPERS.
Stewart, Hal B, NAS ALAMEDA; to STRATEGIC TARGET PLANNING OFFUTT AFB.

LIEUTENANT COMMANDER

Finneran, John G, OPTVFOR; to CO USS MEREDITH.
Gordon, Joseph, USS MARIAS; to USS CHIKASKIA.
Graham, Horace E, HATRON 11; to FLD COM DASA SANDIA BASE ALBUQUERQUE.
Green, Irving J (MSC), NAVMEDRSCH UNIT #1; to NAVMEDRSCHUNIT #2.
Hamblin, Robert N, 12ND; to USS SHADWELL.
Harris, Robert B (SC), NAVSCOL TRANS MGT NSC OAK; to USS VEGA.
Helms, Louis L, AIRDEVRON 6; to OIC AIRDEVRON 6 DET ALFA.
Hibbard, Francis R, NAVSCOL TRANS MGT NSC OAK DUINS; to CO MSTSO PUSAN.
Jobe, James K, NAVFORKOREA; to USNA ANNA.
Koett, Lee E, FITRON 101; to FITRON 162.
Kresan, Waldirir P, CO NAVRESTRACEN WORCESTER; to MSTSLANTAREA.
Martin, John W, NAVPORCO NAVSTA SAN JUAN; NAVCOMMSTA WASHINGTON CHELTENHAM.
McFarlane, William D, FITRON 13; to FITRON 162.
Miller, Laverne A (NC), NAVHOSP OAK; to NAVHOSP GUAM.
Moore, Richard M, NAVSTA NAVBASE CHASN; to CO NAVMARCORESTRACEN PORT ARTHUR.

Nystrom, Bruce A, OFC OF BUWEPSREP EL SEGUNDO DIV DOUGLAS AIRCRAFT CO INC EL SEGUNDO; to ALSEAFRON.
Shipman, James Lee, USS RANDOLPH; to HATRON 3.
Smith, John, jr, UTRON 7; to AUXLAN FLD EL CENTRO.
Smith, Roy F (SC), PHIBRON 2; to NORFOLKNAVSHIPYD.
Taft, Jesse W, NAVWARCOL NPT DUINS; to STRATEGIC TARGET PLANNING OFFUTT AFB.
Tanton, Paul W, TRAPAC; to USS CHIPOLA.
Van Malsen, Wesley W (SC), USS ALTAIR; to NSC NORVA.
Wear, Washburn W, NAVSTA ROOSEVELT ROADS; to NAS JAX.
West, William M (SC), 6ND; to NATECH TRAUNIT NAS JAX.
Auten, James W, USS BENNINGTON; to CARAIGRU 9.
Barhani, Fred G, jr, STAFF SAFLANT; to NAVPHIBSCOL LITTLE CREEK.
Classen, Robert E, USS THE SULLIVANS; to OIR NAVDEPT.
Bowler, Roland T E, jr, ATKRON 44; to ATKRON 12.
Briand, Rene L, USNAVVIS TO DOMINICAN REPUBLIC CIUDAD TRUJILLO; to HD DEPT OF NAVSCIENCE MASSACHUSETTS MARITIME ACADEMY BUZZARDS BAY.
Cornely, Herbert E, BUPERS; to PHILA GRU LANTRESFLT.
Fannin, William E, BUWEPS; to AEWRON 13.
Gavelek, Tekla S (NC), NAVHOSP PNCLA; to MARCORCRUITDEP PARRIS IS.
Greer, Robert M, NAS SOWEYMOUTH; to IND.
Smith, Stuart S, NAVINSURV PACOSEC SDIEGO; to USS RENVILLE.
Smolen, Francis E, OFC OF BUWEPSREP HAMILTON STANDARD DIV UNITED AIRCORP WINDSOR LOCKS; to HUT RON 4.
Steedle, George D, jr, USS COLLETT; to DESFLOT 3 TEM.
Thomas, Ross J, USS HENRY W TUCKER; to CHINHAIE DET USNAVDGRU ROK NAVY SEOUL.
Zwolinski, Frank J, CO USS SIOUX; to NAVSCOLCOM TI SFRAN.

Banks, Charles A, ATKRON 46; to ATKRON 164.
Dilts, Laverne W, jr, NATESTCEN PAX RIV; to NAVTRADEVICEN PT WASHINGTON.
Ellis, James O, USS WASP; to NAS ATLANTA MARIETTA.
Ewald, Arden A, jr, USS HANCOCK; to AEWBARONPAC.
Fuhart, James H, NAVSCOL TRANS MGT NSC OAK DUINS; to MSTSGULFSUB AREA.
Palmer, John G, USS COLAHAN; to USS COLLETT.
Sample, Robert J, ATKRON 86; to ATKRON 163.
Scott, Norvell O, jr, ATKRON 85; to ATKRON 165.
Switzer, James R, DESRON 9 TEM; to USS COLAHAN.

Marine Orders

From page 7—

Garrison, W-4 Victor T
Graham, W-4 James I, jr
Mills, W-4 Agge V
Stone, W-4 Donald M
Withey, W-4 Harold M
Horton, W-3 Max O
Whitehouse, W-3 Walter W
Arnold, W-2 Thomas C
Bates, W-2 Clifford F
Kincaid, W-2 John E
Livingston, W-4 Winford R, to TDRL
Green, W-3 James E, to TDRL
Merrill, W-3 Daniel W, to TDRL
Reed, W-3 Lawrence W, to TDRL

FROM TEMP DIAB RET LIST

Wyde 1st Lt Robert
Talley, 2d Lt James B

HONORABLY DISCHARGED

Lange, 1st Lt Donald J

EM ADV TO RET LIST

Johnson, 2d Lt Herbert W
McLeroy, CWO-2 Guy
Morris, CWO-2 Carroll A

Army Navy Air Force Journal 17
17 Sept. 1960 (Vol. 98, P. 75)

Col. Cain To Korea

Col. Robert S. Cain, sr., Director of the Army Infantry School's Department of Non-Resident Instruction at Ft. Benning, Ga., has departed for Korea.

Col. and Mrs. Cain, the former Louise Warren of Hampton, S. C., have three children. Their son, Robert is a cadet at West Point. A daughter, Emily, is a junior at Columbia (S. C.) College, Georgia, the younger daughter, is a junior at Columbus Ga., High School. During the Colonel's absence, the family will reside at 10A Battle Park, Columbus.

NEW HYBRID ROCKET: DEPENDABILITY AND CONTROL

Rocket thrust control—vital for space applications—has been demonstrated by a "hybrid" motor development with control from near-zero to full power.

Thirty-two motors have been built and fired successfully in a cooperative effort by Grand Central Rocket Co. and The Marquardt Corporation entirely on company funds.

The "hybrid" consists of a solid propellant fuel, deficient in oxidizing agent, and a liquid oxidizer under pressure, which is sprayed upon the solid material. Ignition is hypergolic. By modulating this oxidizer flow from zero to 100%, thrust can be varied over a wide range.

The hybrid provides the advantage of thrust modulation while retaining the important attributes of reliability, simplicity and lower cost inherent in a solid propellant motor.

This significant development may soon be used for orbital correction motors, retro-rockets for soft lunar landings, and to provide the limited and variable "g" forces required for space operation with human payloads.

Positions open for chemists, engineers and solid rocket production specialists.

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SERVICE FAMILY NOTES

Family Editor
Louise B. McGiffert

Associate Family Editor
Bertie Johnson

Gen. Eddleman Cites Club's Projects

In his farewell address to the Heidelberg American Women's Club on their 12th anniversary, General Clyde D. Eddleman, Commander in Chief, US Army, Europe, lauded the 600 members present for their numerous welfare projects, including German refugees, American youth activities, nurseries, Boy Scouts, Red Cross, thrift shop, and other community works.

The general, who has been named to succeed General George H. Decker as Army vice-chief of staff this Fall, said: "A commander in any area, particularly in an overseas command such as Europe, must of necessity, place great reliance on the wives of the American community to assist him in the maintenance of the stability, dignity, and well-being of that community. Individually, each of you contributes constantly to the maintenance of your home, the proper rearing of your children and in addition, to the understanding we have achieved with our host community in Germany."

DC Air Force Wives Greet 33 Arrivals

The Hospitality Committee of the Air Force Officers' Wives' Club of Washington, D. C., headed by Mrs. James E. Davoli held two coffees recently to greet 33 newcomers.

Present, to extend an official welcome and to give a brief resume of the work and workings of the Officers' Wives' Club of the area, were members of the Board; Mrs. Gustav Neuberg, President; Mrs. Jack Donohew, First Vice President; Mrs. James E. Davoli, Hospitality Chairman; Mrs. Ralph Andrews, Ways and Means Chairman; and Mrs. Neill C. MacKay, Membership Chairman.

The first coffee was held 7 Sept. in the home of Mrs. Harvey W. C. Shelton at 5034 Waggoner Circle, McLean, Va. A gracious welcome was extended to twenty three wives by Mrs. Shelton with the aid of seven assisting hostesses, Mrs. George D. Hughes, Mrs. Phillip G. Cobb, Mrs. J. E. Smitherman, Mrs. Ralph R. Patterson, Mrs. John Hoffman, Mrs. William T. Bolt, and Mrs. John W. Harrell. The honored guests were Mesdames Prescott M. Spicer, Geo. E. Brown, L. A. Walker, Jr., Wayne B. Curren, Charles Williams, W. Wickham, E. C. Evans, John Highley, Paul H. Barton, E. E. Davenport, E. J. Hart, Harold C. Greene, Charles E. Riggs, Jr., M. E. White, John McDavid, Ernest Maxwell, Luther W. Morefield, Wallace Twitchell, DeWitt R. Searles, C. A. Foreman, Charles E. Hale, B. W. Powell, and Donald E. Songer.

On 9 Sept. a lovely coffee was held for the new residents of the Arlington Area in the home of Mrs. Allen T. Bennett, 2772 Fort Scott Dr., Arlington, Va. Assisting Mrs. Bennett in welcoming her guests were Mrs. Walter Mangerich, Mrs. Roy W. Amick and Mrs. Elwood M. Dauthet. The honored guests were Mesdames Carl G. Arnold, L. E. DeZonia, E. E. Robertson, E. L. Ford, S. G. Saltzman, Moody Tidwell, Frank Fowles, Frederick S. Porter, Jr., David Jarrett, and James Taylor, Jr.

Movie Premiere Aids Distaff Foundation

"I Aim At The Stars," the story of rocket scientist Wernher von Braun, will have its American premiere on Wednesday evening, 28 September at the Loew's Palace Theatre in Washington, D. C. Proceeds will be donated to the Army Distaff Foundation of which General Leslie Groves is president.

Mrs. George H. Decker, wife of the newly appointed Chief of Staff, heads the group of Army wives working in behalf of the film's premiere. Associated with Mrs. Decker are: Mrs. R. W. Colglazier, Mrs. J. C. Oakes and Mrs. James F. Collins, each the wife of a Deputy Chief of Staff of the Army.

Service Folk

Mrs. Gustav A. Neuberg, President, reports that the first regularly scheduled meeting of the Air Force Officers Wives Club of Washington, D. C., will take place 13 October in the Terrace Room of the Arlington Towers.

Mrs. Ridgely Gaither, wife of Lieutenant General Gaither, Second Army Commander, has been named Honorary President of the Ft. Meade, Md., Officers' Wives Club's Advisory Council. The council's other members are: Mesdames Rinaldo Van Brunt, Lawrence H. Frost, T. M. Watlington, R. H. Booth, T. R. Kurtz, Jr., G. S. Eckhardt and O. C. Krueger.

Mrs. Lincoln A. Simon, wife of the new Commanding Officer of the 2d Artillery Group and Ft. Niagara, N. Y. Colonel Simon, was guest of honor at a tea welcoming her to the Officers' Wives Club. In the receiving line was the President, Mrs. Robert L. Grannis, wife of Major Grannis, Post Comptroller; Mrs. Robert L. Carlson, wife of Lieutenant Colonel Carlson, Executive Officer of the 2d Artillery Group; and Mrs. Robert A. McKillen, wife of the Deputy Post Commander, Lieutenant Colonel McKillen.

Mrs. Simon and her three children recently arrived at Ft. Niagara from Colorado Springs, the location of Colonel Simon's last assignment as G-4 Army Air Defense Command.

Welcome Is Theme

"Welcome" is the September theme of the Deputy Chief of Staff for Logistics Woman's Club, with a series of neighborhood coffees planned to welcome and introduce to their area members some 70 newcomers. These are being held during the first two weeks in September by the following area hostesses: in Alexandria, Mesdames William B. Latta, Henry K. Benson, and Hugh A. Richeson; in Arlington: Joseph A. Hegar assisted by Mrs. Jerome Zohn and Mrs. Roderick D. Eason; Washington, D. C., Mrs. Donald P. Rinque; Annandale, Mrs. John W. Gehart assisted by Mrs. Frank Gilchrist; Springfield, Mrs. Ross R. Condit and Mrs. Robert W. Allen; Falls Church-Fairfax, Mrs. Burrell C. Hassett; McLean-Vienna, Mrs. Jack G. Condon.

Culminating the series will be a welcoming tea on Tuesday, 20 September at 2 p.m. at the Army-Navy Country Club where the newcomers will be guests of the entire membership. Receiving with Mrs. Robert W. Colglazier, wife of the Deputy Chief of Staff for Logistics and Honorary President of the Club, will be Mrs. Courtney Johnson, wife of the Assistant Secretary of the Army for Logistics; Mrs. Francis J. McMorrow, president; Mrs. James V. Anderson, and newly elected officers. Mrs. Anderson and Mrs. Henry A. Rasmussen, chairman and assistant chairman of the welcoming committee, and area hostesses, are in charge of the arrangements.

Mrs. Krueger Is Chairman

Ladies of the 1st Battalion, 29th Group, Travis AFB, Calif., have elected Mrs. William Krueger as Chairman. Mrs. Emanuel Kaiser was elected Treasurer and Mrs. William Smith as Secretary.

Outgoing officers were Mesdames Ralph Gonzales, Chairman; Thomas Watts, Vice-chairman; Charles Peck, Jr., Secretary; and David Noble, Treasurer.

SAC STRENGTH

The military strength of SAC at the start of fiscal year 1961 was 238,873. In addition, SAC has 25,733 civilians.

Schedule U. S. Women's Activities Meet At Berchtesgaden; Officers Listed

Representatives of American women's clubs and wives' groups in Europe and North Africa will attend the International Conference of American Women's Activities 12-13 October in Berchtesgaden, Germany.

Honorary chairmen for the conference will be Mesdames: Walter C. Dowling, wife of the American Ambassador to Germany; John D. Lodge, wife of the American Ambassador to Spain; Amory Houghton, wife of the American Ambassador to France; Lauris Norstad, wife of the Commander-in-Chief, United States European Command; Clyde D. Eddleman, wife of the Commander-in-Chief, U. S. Army, Europe; Frederic H.

Smith, wife of the Commander-in-Chief, U. S. Air Force, Europe.

Officers of the Conference are: Chairman, Mrs. James W. Caskey, Ruislip, Middlesex, England; Vice Chairman, Mrs. Hal J. Andrews, Heidelberg, Germany; Secretary, Maj. Hazel B. Langdon, USAF, 7500 Air Base Group, APO 218, US Forces; Treasurer, Mrs. Charles H. Henry, Heidelberg, Germany.

ICAWA Board members are Mesdames: Harold S. Johnson, Bad Vilbel, Hesse, Germany; V. J. Fadden, Munich, Germany; D. R. Garner, Stanmore, Middlesex, England; Charles A. Leavitt, Verdun, France; Henry J. Fleck, Rome, Italy; John A. Henderson, Madrid, Spain.

Service Daughters At Stephens College

SERVICE daughters will be well represented at Stephens College in Columbia, Mo., when the college for women starts classes 19 September.

The College reported the following Service enrollment:

JUNIOR (1ST YEAR) STUDENTS

Sylvia Adkison, Col. Bourne Adkison, Deputy CDR. TUSLOG, APO 254, New York; Alys Alford, Lt. Col. Ray W. Alford, RFD 1, Portsmouth, N. H.; Barbara Baird, Lt. Col. Gilbert Baird, 902 Crutchfield St., Falls Church, Va.; Suzanne Bates, (Dr.) Lt. Col. Ralph A. Bates, 2700 Alamo Dr., Wichita Falls, Tex.; Shirley Baumgardner, Maj. T. P. Baumgardner, 7312 Floyd Ave., Springfield, Va.; Patricia Brady, Col. James F. Brady, Capt. Girardeau, Mo.; Patricia Burns, Maj. Robert B. Burns, 115 Florida Ave., CAFB, Columbus, Miss.;

Kathryn Cowden, Maj. Frederick E. Weigand, 9 Rosewood Circle, North Syracuse, N. Y.; Janice deRusha, Col. Alva E. Miller, 9619 Lake Steilacoom Dr., Tacoma, Wash.; Margaret Ann Donnelly, Maj. John E. Donnelly, 1616 Cloverlawn, Orlando, Fla.; Suzanne Ford, Col. Wallace S. Ford, 27606 Sunnyridge Rd., Rolling Hills, Calif.; Susan Hetherington, Brig. Gen. Travis M. Hetherington, Hqtrs. 39th Air Division, APO 919, San Francisco, Calif.; Susan Ann Holstrom, Col. Everett W. Holstrom, 512 Pearson, Bergstrom AFB, Tex.; Alice Hopkins, Cdr. William A. Hopkins, 3719 N. Fourth St., Arlington, Va.;

Sara Hunter, Col. C. N. Hunter, 303 Pike Rd., San Antonio, Tex.; Pamela Jackson, Capt. Percival W. Jackson, 540 C Ave., Coronado, Calif.; Beverly Johnson, Col. Wilber M. Johnson, Qtrs. 3A Fort Hamilton, Brooklyn, N. Y.; Sarah Anne Kirk, Lt. Col. Thomas M. Kirk, 638 Esther Way, Redlands, Calif.; Sandra Jean Kirkpatrick, Col. Charles L. Kirkpatrick, 2702 Cumberland, Middlesboro, Ky.; Ninette Kyle, Col. W. B. Kyle, Hq. USEUCOM, J-3 Plans, APO 128, New York, N. Y.; Bonnie Jean Mason, Cdr. Marion A. Mason, 2 Colonial Hills Parkway, Creve Coeur, Mo.;

Kathryn Meyers, (Dr.) Capt. Charles E. Meyers, 229 Scenic Ave., Piedmont, Calif.; Gretchen Muth, Col. Roy W. Muth, Hillside Dr., Lunenburg, Mass.; Lynnda Lee Ort, Maj. James F. Anderson, 1504 Wayne, Bellevue, Neb.; Polly Sue Penn, Lt. Col. Perry H. Penn, 103 Hap Arnold Dr., Smyrna, Tenn.; Bonnie Peterson, Maj. Conrad R. Peterson, 1821 18th Loop, Sandia Base, Albuquerque, N. Mex.; Susan Phillips, Col. W. C. Phillips, Hqrs. Air Weather Service, Scott AFB, Ill.; Sarah Schader, Capt. F. Keith Schader, 12125 Joandra Ct., Los Altos, Calif.;

Carlene Patricia Screws, Maj. Carl Screws, Jr., 5070th USAF, APO 942, Seattle, Wash.; Marilyn Skaggs, Capt. William E. Carfield, 111 Compton St., Fort Huachuca, Ariz.; Barbara Jean Stubbs, Col. Gail L. Stubbs, 1201 S. Court House Rd., Arlington, Va.; Judith Ann Terrell, Lt. Col. Cader C. Terrell, Hqs. 18th Airborne Corps, Fort Bragg, N. C.

SENIOR STUDENTS

Barbara Brownfield, Col. Albert R. Brownfield, 303 Skyhill Rd., Alexandria, Va.; Mary Gannon Clark, Maj. Gen. Albert P. Clark, 4704 Albemarle St., N.W., Washington, D. C.; Suzanne Esau, Col. Charles G. Esau, Route 4 Clarks Crossing Rd., Vienna, Va.; Ann Graham, Col. William Donald Graham, 613 The Dorchester, 1900 Columbia Pike, Arlington, Va.; Henrietta Levy, Capt. R. L. Combs, 2715 Blackshear Ave., Pensacola, Fla.; Elizabeth Manning, Lt. Col. Earl V. Manning, 18200 East Eleven Mile Rd., Roseville, Mich.; Jane Milburn, Col. Conn L. Milburn, Jr., Qtrs. 14, 1307 Dogwood St., N.W., Walter Reed Army Medical Center, Washington, D. C.;

Frances Peaster, Lt. Col. Lowell E. Peaster, 28 Charles St., Athens, Ohio; Janet Lee Preston, Brig. Gen. Joseph J. Preston, 72d Bomb Wing, APO 845, New York, N. Y.; Ann Van Deursen Schenck, Capt. Kenneth W. Schenck, 30th & Forst St., Qtrs. 2 South, Omaha, Neb.; Anne Sutherland, Maj. Gen. John R. Sutherland, Hq. 313 Air Division, APO 239, San Francisco, Calif.; Cynthia Ann Tagg, RAdm. William Leonard Tagg, 938 Altos Oaks Dr., Los Altos, Calif.; Linda Williamson, Capt. Marcus William Williamson, 2729 Ft. Scott Dr., Arlington, Va.

Service Weddings and Engagements

TRINITY Episcopal Church, Moorestown, N. J., provided the setting for the ceremony 10 September uniting in marriage Miss Lois Jane Bergquist, daughter of Maj. Gen. (USA-Ret.), and Mrs. Earl Clarence Bergquist of 903 Cherry Hill, West, Merchantville, N. J., and Mr. Robert Harris Metcalf. The bridegroom is the son of Mrs. Edith Keyes Metcalf of Wellesley Hills, Mass., and the late Col. Walter Augustus Metcalf.

The bride, who was given in marriage by her father, chose her sister, Miss Barbara E. Bergquist, as her maid of honor and as bridesmaids another sister, Mrs. Conrad G. Follansbee, Jr., and Miss Carol Moore. Mr. Denton E. Nichols served as

best man and ushers included 1st Lt. Robert M. Bunker and Mr. Robert F. McLeod, Jr.

DECKER-BALDWIN — Miss Elizabeth Cummings Baldwin, daughter of Mr. and Mrs. Hanson W. Baldwin of 139 Morton Pl., Chappaqua, N. Y., and Mr. Francis Keil Decker, Jr., were united in marriage at St. Matthew's Protestant Episcopal Church, Bedford, N. Y., in an afternoon ceremony 9 September.

The bride was given in marriage by her father and was attended by the sister of her bridegroom, Miss Ann W. Decker, as maid of honor, while Mrs. Mark W. Potter, her sister, was matron of honor, with Masters Mark and Steven Potter.

her nephews, as pages. Mr. Birchard T. Clothier was best man and ushering were Messrs. F. T. Fleischer, M. E. Pierce, F. G. Dawson and M. W. Potter.

Mrs. Decker, whose father is an alumnus of the USNA and is Military Editor of the *New York Times*, is a graduate of the Abbott Academy, Andover, Mass., and attended Hollins College and the Sorbonne. Her bridegroom is a graduate of Phillips Academy, Andover, and Princeton University, where he received a degree *magna cum laude*. He served two years in the Army at Ft. Bliss, Tex., as a 2d and 1st lieutenant, and will enter Columbia Law School this Fall, when he and his bride will make their home in New York City.

RODDY-ARSENEAU — Mr. and Mrs. Everett P. Arseneau announce the marriage of their daughter, Lt. Joanne Arseneau, ANC, to Lt. Francis J. Roddy, jr., 6 August at St. Mary's Roman Catholic Church, Bristol, Ind. The bridegroom is the son of Lt. Colonel and Mrs. Roddy of 2843 No. 20th St., Philadelphia, Pa.



Photo by Casasola
Mrs. Roddy

Given in marriage by her father and attended by her sister-in-law, Mrs. Paul Arseneau, as matron of honor, the bride chose as her other attendant Miss Rosemary Roddy, sister of her bridegroom. Mr. Paul Arseneau served as best man. Ushers included cousins of the bride, Messrs Flavin, James and Patrick Arseneau.

Mrs. Roddy was graduated from the Michael Reese School of Nursing, Chicago and has been stationed at William Beaumont General Hospital, El Paso, Tex.

FLOWMAN-BIRDSONG — Lt. Col. and Mrs. Withers Gayden Birdsong of Frankfurt, Germany, and Titusville, Fla., announce the engagement of their daughter, Mary Ann, to Mr. Floyd C. Flowman, jr., son of Lt. Colonel and Mrs. Flowman of Arlington, Va.

Miss Birdsong is a junior student at the University of Maryland, where she is a member of the Pi Beta Phi sorority. Her fiancé is a senior at George Washington University and a member of the Sigma Nu fraternity.

LEE-STEPHAN — RAdm. (USN) and Mrs. Edward Clark Stephan of Westmoreland Hills, Md., announce the engagement of their daughter, Paula, to Mr. Thomas Girard Lee, jr., son of Mr. and Mrs. Lee of Bethesda, Md.

A June wedding is planned.

HAINES-TUCKER — The Hatcher Memorial Baptist Church, Richmond, Va., 10 September, was the setting for the candlelight ceremony uniting in marriage Miss Patricia Ann Tucker, daughter of Mr. and Mrs. William Luther Tucker of Richmond, and Lt. Robert Guy Haines, jr., son of Colonel and Mrs. Haines of 4845 26th St., No., Arlington, Va.



Photo by Dementi
Mrs. Haines

The bride was given in marriage by her father and chose as her attendants her cousin, Mrs. George L. Southard, as her matron of honor; Miss Jane Staples as maid of honor; Misses Dixie L. Haines, sister of the bride-

groom, Audrey Maxie, Elizabeth Renolds and Mrs. Thomas Tuck as bridesmaids, with Miss JoAnn Sims, her cousin, as junior bridesmaid, little Miss Eileen Pearson as flower girl and Master Stephen Sims, another cousin, as ring bearer. Colonel Haines served as his son's best man and groomsmen included Messrs. G. L. Southard, James Hobson, Melvin Anderson, Lts. Thomas Williams and David Goode.

Following a honeymoon in the Pocos, the couple will be at home at Otis AFB, Mass.

PARKER-WALES — RAdm. and Mrs. George Wales of the U. S. Naval Amphibious Base, Little Creek, Va., announce the engagement of their daughter, Rosemary, to Mr. John David Parker, son of Mrs. William Robert Parker of New London, Conn., and the late Mr. Parker.

Miss Wales, granddaughter of the late Mr. and Mrs. John Joseph Ganey, New London, Conn., and the late Hon. and Mrs. George Russell Wales of Washington, was graduated from Georgetown Visitation Convent, Washington, and attended the University of Connecticut and Willimantic State College. Her father is the Commander of the Amphibious Training Command of the Atlantic Fleet. Mr. Parker is attending the University of Hartford in Connecticut.

KRUTZ-BURNS — Col. (USAF) and Mrs. Luther William Burns of 109 Billy Mitchell Dr., Smyrna, Tenn., announce the engagement of their daughter, Sharon LeNore, to Mr. Robert William Krutz, jr., son of Mr. and Mrs. Krutz, sr., of Belzoni, Miss.



Photo by Delbridge
Miss Burns

Miss Burns, a member of the Delta Delta sorority, attended the University of Hawaii and the University of Georgia. Her fiancé, who is a Pharmacy graduate of the University of Mississippi and a member of the Kappa Alpha fraternity, was graduated from the Naval Officers Candidate School at Newport, R. I. He is now affiliated with E. R. Squibb & Sons, Memphis, Tenn.

The wedding is planned for 23 October at the Protestant Chapel, Sewart AFB, Tenn.

NIELSON-RIEDEL — Miss Gail Marie Riedel, daughter of Mr. and Mrs. Charles F. Riedel of Fairfield, Conn., was married recently to Mr. David Clay Nielson, son of Lt. Col. and Mrs. Chester Dale Nielson of Arlington, Va., in a morning ceremony at St. Boniface Church, New Haven, Conn.

Miss Carol Ostrowski was maid of honor and Misses Maryann O'Neil, Patti O'Neil and Diane Tesaro were the other attendants. Sgt. Thomas LeMarco was best man and ushers were Pfc. Bernard Whitney, Paul Gouin and C. D. Nielson, brother of the bridegroom.

Mrs. Nielson, a Registered Nurse, is a graduate of the Norwalk Hospital School of Nursing. Her bridegroom, who has served three years in the Army, is a student at Kansas State University, Manhattan, where he and his bride will make their home.

PRICE-TRIBBY — Announcement is made of the marriage of Miss Katherine Elizabeth Tribby and 1st Lt. Allen Ingram Price, jr., USMC,



Photo by Glogau
Mrs. Price

at All Saints Episcopal Church, Washington, D. C., 10 September. The bride is the daughter of Mrs. Herbert Davis Tribby of Washington, and the late Mr. Tribby, and parents of the bridegroom are Captain (USN-Ret.) and Mrs. Price.

Given in marriage by RAdm. Valentine H. Schaeffer, USN-Ret., the bride chose Mrs. Robert C. Diefenbach, sister of the bridegroom, as her matron of honor, with little Miss Valerie Ann Slaff, daughter of Cdr. and Mrs. Allan P. Slaff, as flower girl, and for bridesmaids Misses Linda L. McGregor, Lynne B. Morrell, Marijo Diggins and Mary I. Bird, 1st Lt. David S. McIntyre, USMC, served as best man, and ushers included 1st Lts. R. M. Browne, III, Peter Johanson, Walter Chawetk, John Baer, Richard Essau, Charles McClure, John Hannon, Robert Olson and John Weeks, all USMC.

Mrs. Price, a graduate of the Holton Arms School, studied ballet at Ballet Arts, New York City, attended Bard College and New York University. Her husband, who was graduated from the Bullis Preparatory School, is USNA '57, and is currently stationed at Quantico, Va.

PIRIE-ADAMS — Mr. and Mrs. Winthrop Whitney Adams of Barrington, R. I., announce the engagement of their daughter, Joan, to Lt. Robert Burns Pirie, jr., USN, son of Vice Admiral and Mrs. Pirie of 2300 E St., N.W., Washington, D. C.



Miss Adams

Miss Adams is a graduate of the Mary C. Wheeler School and Connecticut College. Her fiancé is a graduate of the Severn School, the USNA and Oxford University.

The wedding is planned for December.

McDANIEL-DIETRICH — Col. and Mrs. Sterrett Ernest Dietrich of Ft. Sheridan, Ill., announce the marriage of their daughter, Ellen Carter, to Mr. George A. McDaniel, III, son of Mr. and Mrs. G. Arthur McDaniel of Federalburg, Md., 10 September in Upper Marlboro, Md.

Both Mr. McDaniel and his bride are graduates of the College of William and Mary, where he was a member of the Sigma Pi fraternity and she belonged to the Kappa Delta sorority.

Following a Florida wedding trip, the couple will make their home at Federalburg.

NAEF-MARTIN — Mr. and Mrs. A. E. Martin of Bethesda, Md., announce the engagement of their daughter, Barbara Kay, to Ens. Frederick Edward Naef, jr., USN, son of Mr. and Mrs. Naef of New Vernon, N. J.

Miss Martin is a graduate of Duke University and her fiancé is USNA '59.

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Army Orders

From page 16—

Retired Upon Application

Colonel

Chilson, Francis A, Arty.
Jeffcott, George F, DC.

Lt Colonel

Gutshall, Richard B, Arty.
Zagami, Natale R, MSC.
Ransom, John P, MSC.
Rohde, George M, QMC.
Messing, Frederick A, CE.
Connors, Lawrence P, Inf.
Riollano, Carlos, Inf.
Jump, George V, Arty.
Villemez, Clyde J, CE.
Schoech, Oscar W, Ch C.
Bock, Harry E, Jr, Arty.
Ross, David, QMC, as Col.
Osterstock, George A, Ord C.
Urbach, Rudolf, AGC.
Hedstrom, Paul G, Inf.
Vol Janin, Daniel, AS.
Williams, James F, Jr, Armor.

Sands, Joseph E, Inf.
Murphy, Guy H, Armor, as Col.
Duffy, Harold E, Inf.

Major

Kavka, Anthony J, Sig C.
Badin, Fred P, Ord C.
Healy, Clyde B, CE.
Isham, Orville A, as Lt Col.
Burns, Frank R, Inf.
Davis, John B, Armor.
Seeker, Max D, Arty.
Messmer, Robert L, AS, as Lt Col.
Hart, Robert H, TC, as Lt Col.
Nicholas, Joseph, QMC.
Blum, Frank J, AI.
Esenwein, August, Jr, Sig C.
Bates, Joseph D, Inf.
Gibson, Glen F, Arty.
Dilks, Kenneth E, Arty, as Lt Col.
Rye, Burnie W, Jr, Inf.
Boatright, William E, TC, as Lt Col.
Martinez, Manuel A, Ord C.
Von Tongeln, Walter W, Arty.
Bohannon, Clark C, AUS, as Lt Col.
Sweat, Ernest L, Inf, as Lt Col.
Brown, Lester C, Inf, as Lt Col.
Fields, Melvin F, AUS, as Lt Col.
Nester, Gilbert C, Sig C, as Lt Col.
Engle, Stokes K, Sig C, as Lt Col.

Captain

Stewart, George L, CE, as Maj.
Grimes, Henry J, AUS.
Yount, Burton T, MPC.
Schermerhorn, Arthur E, Sig C, as Maj.
Wilson, Jack R, Arty.
Thompson, Norman R, AGC, as Maj.
Starns, Clyde, MPC.
Husemano, Alton, Sig C.
Wishart, Andrew J, AGC, as Maj.

Chief Warrant Officer

Schultz, W-2 Albert V, Ord C, as W-3.
Franklin, W-2 Jennings R, TC.
Barr, W-3 Howard M, AGC.
Stagner, W-4 Joe P, Ord C.
Willingham, W-3 Albert J, CE.
Scully, W-3 Harold R, Ord C.
Hudson, W-3 Charles H, Jr, AGC.
Hedgecock, W-2 Laverne L, Ord C, as Capt.
Kyland, W-4 Wallace A, MPC, as Lt Col.
Quiones, W-3 Pedro J, Ord C.

TO TEMP DISAB RET LIST—

Reading, Lt Col Harry E, QMC, (70%).
Frees, Maj Lillian, ANC.
Soderberg, 1st Lt Charles A, Jr, Armor.
Gray, M/Sgt Eldon A, as WO.
Simpson, Sgt Grady L, as Maj.
Woodcock, W-3 Curtis H, AI (60%).

FR TEMP DISAB RET LIST—

Balona, Capt Margaret B, AUS.
Norman, 1st Lt Roy L, AUS.

RESIGNED—

Captain

Wilkes, John D, MC.
Mellinger, Dale E, Arty.
Smith, William H, Inf.
Karren, Keith O, DC.
Bicknell, Donald R, MC.

1st Lieutenant

Stackhouse, Donald R, Sig C.
O'Connor, James R, Arty.
Abruzzese, John P, MPC.
Casey, Fred H, Arty.
Gomez, Ludgeros A, Jr, MSC.
Hyde, Herbert K, Jr, Inf.
Mays, Carroll G, CE.
Vanderschaaf, John N, CE.
Dickson, David J, Ord C.
Melton, William L, Arty.

PROMOTED IN RA—

To Colonel

30 Aug: McFeely, Horace F, TC.
1 Sep: Ehrlich, Karl F, DC; Seay, Thomas B, DC.

To Lt Colonel

27 Aug: Bykerk, Norman H, Inf; Osborne, Vincent E, Arty.
29 Aug: Gibson, Edwin C, Inf; Oates, Eugene C, Jr, Arty.
30 Aug: Bordley, Marcello W, Jr, Armor.
1 Sep: Petty, Norman E, TC.

To Major

W/DR 1959
5 Jun: Gustafson, Melvin E, Inf.

W/DR 1960

27 Aug: Koob, Robert A, Sig C; Busch, Edwin S, MC.
28 Aug: Dacquist, Michael P, MC; Hughes, George M, VC.
29 Aug: Mittenzwei, Francis X, AGC.
30 Aug: Whipple, Howard W, FC.
31 Aug: Ellett, Charles C, Inf; Hall, Robert MacC, MC.
2 Sep: McClenahan, Frank C, Arty; Donohoo, Albert C, MC; Jordan, Algene G, DC.

To Captain

W/DR 1960
27 Aug: Baddaker, William L, Arty; Boyle, William P, Armor; Wilson, Dennis F, TC.
28 Aug: Meggison, Robert H, Arty; Young, George D, CE.

29 Aug: Cunningham, Martin J, 2d, Arty.
30 Aug: Jongbloed, Nicholas H, TC.
31 Aug: Elmore, Louis N, Jr, Inf; Gabel, James M, Arty; Lane, James C, Jr, TC; Rumsey, Frank A, Jr, Inf.
1 Sep: Crain, Leonard R, TC; Dunn, James F, Jr, OrdC; Gill, Osvaldo L, Inf; Hill, Clarence O, Arty; Mallo, Harry R, Arty; Martin, Haywood H, Jr, Arty; Persons, George A, Armor; Price, Francis K, Jr, Armor; Redie, Maxie O, Jr, OrdC; Rhodes, Cephus S, Arty; Stanberry, Billy M, Inf; Sullivan,

William F, Arty; Vermilion, Lewin E, Arty; Whalen, John J, Jr, SigC.
2 Sep: Campbell, Harold T, TC; Hatfield, John L, MSC.

To 1st Lieutenant

W/DR 1960
14 Jun: Bell, Allan A, Arty; Shuff, Thomas K, 2d, Inf.

14 Jul: Kinnison, Harlen W, Armor.
20 Aug: Hall, Mary S, AMSC.
23 Aug: Garman, Robert T, Arty.
27 Aug: Black, Calvin D, CE; Gasper, John M, Jr, FC; Hartke, Harry J, 3d, Inf; Hatcher, Joseph F, CmlC; Reback, Herman R, CE.

28 Aug: Emery, Ronald H, Inf; King, James H, Jr, CE; Kraus, John H, Arty; Proffit, Ray B, Inf; Sanders, Milton D, QMC.
29 Aug: Antaya, Michel R, Inf.

30 Aug: Casey, Fred H, Arty; Fogle, William L, TC; Herrera, Charles D, MPC; Seay, Michael, Inf; Williams, Forrest H, Jr, CE.
31 Aug: Gleeson, William J, Arty; Hehemann, George J, QMC; McCarthy, Robert A, TC; Mullins, Lawrence E, CE.

1 Sep: Fry, James R, CE; Gray, Ernest D, QMC; Satterthwaite, George, 2d, QMC; Stokes, John P, 3d, TC; Temple, William F, Inf.

RA PROMOTIONS CONFIRMED—

To Colonel

Ruhlen, George, Arty

To Lt Colonel

Bartelt, R H, Inf O'Brien, J A, Arty
Hobson, V W, Jr, Inf Rizza, Salvo, Arty

To Major

Blair, B E, QMC Mueller, H W, MC
Gilham, J K, Armor Ramsey, F G, MSC
Glinkowre, G J, MSC Roberts, D R, MPC
Hickey, D W, 3d, Syner, J C, MC
Arty Thurman, J R, 3d,
Hopenan, A R, MC Arty
Linn, W E, Arty Whalen, T F, Inf
Montgomery, R A, Inf

To Captain

Andre, N J, CE Martin, D R, Inf
Ballard, Anthony, MC Massarik, R B, MC
Boyle, D G, Arty McKenzie, M A, Inf
Carter, R A, Inf Modica, D, Armor
Crevoiserat, L W, CE Mullen, R C, Jr, Inf
DeJarnette, L N, Inf Randall, S D, Arty
Dombrowski, A J, Inf Slater, J J, OrdC
AGC Thurnson, M R, Arty
Foster, A J, Jr, OrdC Ton, J G, CE
MacTaggart, Lois, Wise, J E, Inf
AMSC Zelezniker, L J, SigC

To 1st Lieutenant

Beckwith, R B, Ellis, W R, TC
Armor Mead, W D, Inf
Brown, J, Jr, TC Van Cleave, H D, Jr,
Buckner, D A, SigC QMC
Burke, S H, CmlC Walker, J A, Armor
Cooper, R A, Arty Thompson, J E, Jr,
Cunningham, J G, FC Inf
Daly, G M, SigC

TEMPORARY PROMOTIONS—
Cousins, Osen DeF, MSC; Wilson, Joseph W, CE; Lovell, William F, Inf.

To Lt Colonel

Abbott, William L, VC; Gargaro, Isadore A, OrdC; Garvey, Raymond T, Jr, MSC; Guy, Donald E, VC; Howland, Robert O, MSC; Kane, Arnold, Inf; Keravouri, Aito, Inf; Loll, Leon E, MSC; McChesney, Thomas C, VC.
Meyer, Edward J, MSE; Miller, James W, Arty; Natalini, Carlo A, MSC; Quigley, Joseph S, VC; Thomas, Douglas S, MSC; Walter, Charles S, MSC; Weaver, Harry L, Inf; Zschach, Karl G, MSC.

To Major

Berry, John T, SigC; Kretsch, Ruth T, ANC; Lorentzen, Kay W, VC; Nielsen, Bernice C, ANC; Reed, Charles A, Jr, TC; Singer, Kathryn C, ANC.

To Captain

Seale, Billy G, Arty; Adamson, George F, OrdC; Augur, George M, Arty; Brehm, Robert H, SigC; Carlson, Gustaf R, FC; Cowles, David R, Inf; Di Stefano, Joseph, Inf; Dozier, William E, Inf; Henry, Paul W, Arty; Hornsby, Jesse S, Arty; Lovett, John A, Inf; Manwaring, Don S, Arty; McElroy, Gerald E, Arty; McGraw, John F, Jr, Inf; Mock, Newell A, Jr, Inf.
Nutter, Raymond T, Inf; Prescott, Warren T, Inf; Redhair, Bobby E, Arty; Ruskau, Donald R, TC; Shelder, Augustus L, Jr.

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MOVING?
NEPTUNE

Col. Downing Heads Caribbean Aid

Col. Harry L. Downing, jr., a recent arrival at Quarry Heights, C. Z., has succeeded Col. Thurlo M. Ashton as Chief of the Military Assistance Program administered by the Caribbean Command.

Colonel Downing had been a member of the JCS Joint Military Assistance Advisory Directorate Staff.

He was accompanied to the Canal Zone by his wife, the former Louise Nachtmann of Philadelphia, and their three daughters: Susan Lee 17, Diane Louise 14, and Elizabeth Ann, 11.

Higgins, Sgt Joseph E. as Lt Col. Steele, M/Sgt Warren B. as Col. Renner, Sfc Donald A. as Lt Col. Gartland, M/Sgt James B. as CWO. Stoetzer, M/Sgt Charles E. as Lt Col. Bowsher, Sfc Paul L. as Lt Col. Drapes, Stanley E. as Maj. Kinney, Pfc G R Rodi, Sgt F White, Sfc J C Bethea, Sfc J H Hiebert, Sgt R F Morrisette, Pfc L W Pratt, M/Sgt C E Najera, Sp6 J. sr Utowski, SMaj A J Monday, M/Sgt G E Cantore, Sp5 L. sr

USAF Orders

From page 9—

Vigneault, J R E. Virtue, John S.

Captain

Bassinger, P H. as Maj. Boyd, William M. as Maj. Dash, George H. Embrey, Henry C. as Maj. Lucas, John M. Moore, Ira K. as Maj. Fogerson, Joseph E. as Maj. Williams, Lyle W. as Maj. Michael, Gordon G. as Maj. Matthews, Henry E. 2d, as Maj. Paryzek, Henry. Purvis, Henry H. as Maj. Zych, Raymond J. as Maj. Laudrille, R A. as Maj.

OFFICERS TO TEMP DISAB RET LIST—Hilburn, Maj John E.

RESIGNED—

Leslie, Maj James T. jr. Beck, Capt Joseph C. Bartolic, Capt (1st Lt) Albert M. Hayes, 1st Lt Joseph M. Parent, 1st Lt Edward J. Redlack, Charles K. Schannep, 1st Lt John D.

PERMANENT PROMOTIONS—

W/DR 60 To Major

30 Aug: Gaines Edmund P. jr; Watts, William G. jr; Kepner, William C; Rockwood, William P; Grosso, G M.

31 Aug: Everette, John B.

1 Sep: Kennington, J T; Peterson, Robert C; Meserow, J T; Grieder, O E.

2 Sep: Martin, James C; Boyles, Howard H; Rothwell, Ian D; Patrick, Harold L; Bleakley, E E; Kelly, Thomas G. jr.

3 Sep: Harris, Roy L. jr; Sadler, Robert E; Bassett, John K; Roy, A J; Nelson, Michael S; Shrawder, G R.

4 Sep: Walters, Clarence D; Parrott, William H; Watkins, James R; Carey, Robert L; Dotterer, R T; Hardy, Alan H; Odom, Phillips S. jr.

5 Sep: Fox, George A; Guynes, Joseph B; Saunders, William F; Hannibal, August, 3d.

6 Sep: Leuchtmann, R L; Saylor, Warren D; Thompson, William D; Witzel, R B; Bass, Bernie S; Kreft, Ivan J.

To Captain

30 Aug: Sciples, F J; Henderson, James E; Cowan, James E.

31 Aug: Kerr, Thomas B; McClellan, Robert J; Lewis, George F; Fravel, Frank E;

Flite, Franklin D; Ballies, Roy K; Keyes, Robert J; Racht, Gerald E; Hoover, Frank B; Ware, Joseph M; Girard, Joseph H R; Barnes, Jerome R. jr; Lieurance, Robert J; Ziff, Irwin R; Terrell, Bryce H; Nelson, Robert W; Bynum, John P; Arthurs, Raymond W; Wakham, Elvin J; McCord, William L jr; Wendt, Donald R; Reece, Jack H; Stone, Edwin A. jr.

1 Sep: Kott, Richard F; Grimes, Winfred E. jr; Coloney, Robert A; Smith, Everett E; Vaughn, Gled W; Pearson, James M. jr; Tinsley, Henry G. jr; Hargrove, James A. jr; Smith, Donald R; Piner, Herman H; Laffoon, Carl R; Sauls, George M; Opp, Albert G; Hopkirs, Thomas G; Becklin, Lynn H; King, Lowell A.

2 Sep: Lockwood, Frederick S; Tarpley, B E; Malkemes, K O; Storrie, J H; Hansen, Russell A.

3 Sep: Martino, J P; Packnett, D S; Mitchell, Byron J; McClammy, H C; Lukasiewicz, C C.

5 Sep: Ralph, W D. jr; Burdett, Richard F; Edwards, Lowell R.

6 Sep: Grogan, Stanley J. jr.

To CWO-3

30: Aug: Nelson, Henry. 31 Aug: Davis, Alex.

1 Sep: Hasson, Leon H. 2 Sep: Humphries, J O.

3 Sep: Miller, Wilbur F. 5 Sep: Schubert, Charles P.

6 Sep: Moran, Francis S.

TEMPORARY PROMOTIONS—

To Lt Colonel

Cosma, Helen R. (NC); Patterson, Mary A. (NC); Keleman, G S. (MSC); Robinson, Elvin, jr. (MSC); Thompson, Robert L. jr. (DC); Gillespie, Elmer F. (MC); Nafis, Warren A. (MC); Wartella, Stephen, jr. (DC); Langelier, P R. (MC); Peterson, John A. (MC); Upp, C W. (MC); Green, Phillip L. (ChC); Griffin, Frank W. (ChC); Martin, Hal H. (ChC); Baldwin, Conrad C. (ChC); O'Laughlin, J C. (ChC); Henderson, Harry P. (ChC); Myers, Thomas E. (ChC); Enright, N F. (ChC); Holmes, Weldon F; Robichaud, O V; Caputo, J A; Wright, John P; Shiver, Arthur M. jr; Sparks, Belmont E; Newstrom, C M; Seay, Earl; Roberts, Thomas C; Mercogliano, A P; Baker, Ellsworth A; Squillace, D P; Haines, Carroll E; Johnson, George L; O'Brien, Alden W; Gibson, William M; Edington, Leonard E; Snell, Lester D; Myers, Robert A; Fleming, Joseph F; Bogan, John A; Watkinson, Arlie G; Kerstetter, R W; Brittle, K H; Okey, J T; Frazier, Max E; Statum, C M; Boswell, B A;

Hughes, Lewis C; Ward, Charles A. jr; McKay, George P; McLain, Mack A; Fitzhenry, Oscar C; Raeke, Louis A. jr; Ulrich Alvin E; Nawrocki, Joseph C; Cameron, Wallace H; Swope, Ira A; Miles, James H. jr; Locklear, James Q; Rutherford, Richard T; Burnett, Elvin E; Landry, John F; Barker, Buford W; Statts, John H;

Watts, Arthur M; Black, David P; Gardner, Herbert G; Farrell, Thomas D; Ruff, George F; Barney, Robert O; Rosenfield,

—Continued on page 23

Arty; Sisk, John R. Arty; Skinker, Harry J. OrdC; Spang, Alan W. Arty; Tunmire, Dana, Inf; Van Vranken, Robert L. CE; Van Wart, Walter B. jr. Arty; Vaughn, Luther C. Inf; Walton, Allen M. Inf; Willwerth, Dean R. Arm.

To 1st Lieutenant

Galbraith, Gary E. MSC; Brock, Larry D. MSC; Hurley, William P. jr. CE; Stone, Kenneth E. CE.

To CWO, W-4

King, Kendall E. AGC.

To CWO, W-3

Pedersen, Harold M. CE; Waser, William B. jr. AGC; Woods, Daniel F. AGC.

APPOINTED IN RA—

2d Lieutenant

Harris, Benjamin T. 3d. Arty.

HONORABLY DISCHARGED—

Hamel, Capt Hubert O. pd. Jaworski, 1st Lt Eugene F. MSC.

TRF FR USA TO USAF—

Kortz, 1st Lt Leon L. (CE) Ft Belvoir. Fitzgerald, 1st Lt Larry D. (Arty) Ft Holabird.

BRANCH ASSIGNMENTS—

Omorl, Capt Richard T. fr AI to Cml C. VanCamp, 1st Lt James P. fr Inf to QMC. Unger, 1st Lt Curtis G. USAR, fr Arty to Cml C.

Manges, 1st Lt Duff G. fr CE to Ord C. Hutton, 1st Lt John D. fr TC to Inf. Tribe, 1st Lt Donald S. fr Arty to Cml C. Dillon, 1st Lt John P. fr Inf to MPC. Dodd, 1st Lt Edwin N. jr. fr Inf to TC.

DESIGNATED ARMY AVIATORS—

Busch, 1st Lt Frederick W. Inf. NG. Master Army Aviators:

Wegeland, Lt Col Henry N. jr. Arty. Senior Army Aviators:

Holladay, Capt Lewis G. Sig C.

Dawson, Capt Frederick. TC.

Lollar, Capt Luther S. Sig C.

Peck, Capt James C. Inf.

Pflugler, Capt Joseph E. TC.

Dreshears, James D. USAR.

ADVANCED ON RET LIST—

Gochnour, CWO-4 Roscoe J. to Maj.

Bagley, M/Sgt Howard L. to Capt.

O'Brien, M/Sgt Mayo M. to Capt.

Reynolds, M/Sgt David M. to Capt.

Davis, M/Sgt Vernon T. to 1st Lt.

Chesser, M/Sgt James L. to 1st Lt.

Smith, Sgt Pearl M. to CWO-2.

Turner, Sgt Herbert M. to SFC.

Seiger, Sgt Francis H. to Sfc.

EM RET & TRF TO USAR—

Flannery, M/Sgt J L Banks, Sfc T A

George, Sfc R H Womack, M/Sgt J G

Hamm, M/Sgt W M Baker, Sfc W M

Harris, Sfc G H Bugel, M/Sgt J. jr

Klassen, M/Sgt R J Carson, M/Sgt S E

Meeker, M/Sgt R W Freeman, M/Sgt M J

Moore, Sfc R W Hughes, Sfc J W

Osborne, M/Sgt C Q McKinley, Sp4 J L

Silas, Sgt J C Mugerdtichian, M/Sgt

Van Guelder, Sfc H F Pollock, SMaj E D

Weldon, M/Sgt E E Saunders, M/Sgt J L

Williams, Sfc H E Schumacher, M/Sgt

Spiller, Sgt J W H W

Wuenschel, Sfc F Sebastian, M/Sgt

Diaz, M/Sgt J B F M

Apple, Sp5 B W Taylor, Sp5 G J

Bullock, Sfc W R Tyroff, Sp4 A. jr

Burton, 1st Sgt N M Fulbright, M/Sgt

Chevalier, M/Sgt L L H P

Duke, M/Sgt E M Lovett, M/Sgt L O

Kent, Sfc N Markland, M/Sgt P H

Martin, M/Sgt V D Paul, Sfc E

O'Donnell, Sgt J D Shannon, Sp5 J L

Piper, Sfc F T. jr Stanger, Sfc E L

Robertson, M/Sgt Sperring, Sfc J D

J W Tate, Sfc R I

Schultz, SMaj N G Hanks, M/Sgt F D.

Prichett, Sfc T O jr

Wortham, Sfc W B.

ENLISTED MEN RETIRED—

Van Swearingen, M/Sgt Robert L. as Lt Col.

Rowand, M/Sgt Charles F. as Capt.

Anderson, M/Sgt Paul E. as Maj.

Upson, M/Sgt Neville U. as Maj.

Capasso, S/Sgt Salvatore, as Lt Col.

Fidlow, Sgt Harry. as Lt Col.

Keeshen, M/Sgt William J. as Maj.

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MOVING OVERSEAS?



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Born

AKERS—DeWitt AH, Ft Belvoir, Va 2 Sept & Mrs Jimmy D Akers, son.

ALLEN—Carlisle Bks, Rt 7 Sept Lt (Jg) & Mrs Robert A Allen, son.

BERREY—Ft Gordon, Ga recently 1st Lt & Mrs Thomas G Berrey, son.

BLAKE—Walsen AH, Ft Dix, NJ 31 Aug Capt & Mrs Gerald R Blake, son, John Robert.

BOLGLASE—Wright-Patterson AFB, O 30 Aug Capt & Mrs Donald W Polglase, daughter.

BRUBAKER—Griffiss AFB, NY 27 Aug 1st Lt & Mrs Howard R Brubaker, son.

BUCKLES—DeWitt AH, Ft Belvoir, Va 7 Sept Capt (USAF) & Mrs John L Buckles, twins, son & daughter.

CHEVRIER—DeWitt AH, Ft Belvoir, Va 8 Sept Capt (USAF) & Mrs John A Chevrier, daughter.

COLLIE—Brooke GH, Ft Sam Houston, Tex 3 Sept Capt & Mrs Lamar P Collie, jr, daughter.

COOK—Dreux, France 25 Aug 1st Lt & Mrs Bruce V Cook, 322 Air Div, APO 253, NY, daughter, Elizabeth Marie.

DEASY—Walsen AH, Ft Dix, NJ 2 Sept 1st Lt & Mrs William T Deasy, daughter, Carolyn Ann.

DE CARLO—DeWitt AH, Ft Belvoir, Va 5 Sept Capt (USMC) & Mrs Ludovico L DeCarlo, son.

DENNIS—Langley AFB, Va 26 Jul 2d Lt & Mrs David F Dennis, Rt 1 Box 586, Hampton, Va, son, Douglas Lindsay.

DIRKSEN—Patterson AH, Ft Monmouth, NJ 5 Sept 1st Lt & Mrs Peter C Dirksen, 62 Midway Lane, Eatontown, NJ, daughter.

ECKER—Wright-Patterson AFB, O 31 Aug 1st Lt & Mrs Harry A Ecker, son.

FAIRCLOTH—DeWitt AH, Ft Belvoir, Va 5 Sept Cdr (USN) & Mrs Patrick H Faircloth, son.

FAVRE—Patterson AH, Ft Monmouth, NJ 3 Sept Capt & Mrs Roland M Favre, 735 Pinebrook Rd, Eatontown, NJ, son.

FIELD—Brooke GH, Ft Sam Houston, Tex 28 Aug 1st Lt & Mrs Richard E Field, son.

FISHER—Rodriguez AH, Ft Brooke, PR 26 Jul Lt (USN) & Mrs Elbert L Fisher, son, Bret Luther.

FLEMMING—Griffiss AFB, NY 29 Aug Capt & Mrs John G Flemming, son.

FUDGE—Langley AFB, Va 28 Jul 1st Lt & Mrs Forest W Fudge, 3320 Sunnyside Dr, Hampton, Va, daughter, Cheryl Kay.

GARDNER—Berlin, Germany 25 Aug 1st Lt & Mrs David L Gardner, daughter, Donna.

GOTTER—Ft Gordon, Ga recently 1st Lt & Mrs James R Gotter, son.

GRADOVILLE—DeWitt AH, Ft Belvoir, Va 4 Sept Capt & Mrs Edward J Gradoville, daughter.

GROGAN—Rodriguez AH, Ft Brooke, PR 26 Jul 2d Lt & Mrs Robert E Grogan, son, Robert Earl, 3d.

HAFFEY—DeWitt AH, Ft Belvoir, Va 8 Sept Lt Col (USMC) & Mrs Eugene H Haffey, daughter.

HAGGERTY—DeWitt AH, Ft Belvoir, Va 3 Sept Maj (USMC) & Mrs High W Haggerty, 3d, son.

HARTMAN—Dreux, France 31 Aug 1st Lt & Mrs R. E. Hartman, 15th Weather Sq, APO 253, NY, son, Andrew Joseph.

HAYDEN—Ft Leavenworth, Kans 22 Aug Maj & Mrs James L Hayden, Ft Leavenworth, twin daughters, Mira Lord & Patricia Adams.

HAYLER—Paris, France 25 Jul Capt (USN) & Mrs Robert W Hayler, jr, Staff, US CINCPAC (MAD) APO 128, NY, daughter, Nicole Silliman, granddaughter of VADM (Ret) & Mrs R W Hayler, Carmel, Calif, & of Col (AUS-RET) & Mrs Frank Silliman, 3d, Pebble Beach, Calif.

HEINBAUGH—Wright-Patterson AFB, O 28 Aug Capt & Mrs Jimmie B Heinbaugh, daughter.

HEINEY—DeWitt AH, Ft Belvoir, Va 3 Sept Capt & Mrs Harry A Heiney, son.

HOFMAN—Fitzsimons GH, Denver 8 Sept Capt (USAF) & Mrs Frederick Hofman, daughter.

HOLLAND—Brooke GH, Ft Sam Houston, Tex 24 Aug Capt & Mrs Rex L Holland, daughter.

HOLTMANN—Wright-Patterson AFB, O 27 Aug 1st Lt & Mrs Ralph B Holtmann, son.

HOWARD—Patterson AH, Ft Monmouth, NJ 4 Sept Maj & Mrs G B Howard, 2233 Hope Rd, Eatontown, NJ, son.

HUFF—Patterson AH, Ft Monmouth, NJ 5 Sept Lt Col & Mrs Clarence W Huff, 2039A Barton Rd, Eatontown, NJ, daughter.

HUFFMAN—Rodriguez AH, Ft Brooke, PR 25 Jul LCol (USN) & Mrs Gerald M Huffman, daughter, Carrie Ann.

HUNT—Madigan GH, Tacoma, Wash recently 1st Lt & Mrs R J Hunt, daughter.

JACKSON—Brooke GH, Ft Sam Houston, Tex 4 Sept Capt & Mrs William M Jackson, jr, daughter.

JAMES—Wright-Patterson AFB, O 31 Aug 1st Lt & Mrs Robert N James, daughter.

JANTZ—Brooke GH, Ft Sam Houston, Tex 2 Sept Maj & Mrs John Jantz, son.

JOHNS—WRGH, Washington, DC 2 Sept Capt & Mrs Fred D Johns, son.

JONES—Ft McClellan, Ala 2 Sept 1st Lt & Mrs John B Jones, son, Keith Anthony.

KAMAKA—Rodriguez AH, Ft Brooke, PR 1 Aug Capt & Mrs Frederick K Kamaka, daughter, Martina Lalona.

KASTOR—Brooke GH, Ft Sam Houston, Tex 26 Aug Capt & Mrs Russell A Kastor, daughter.

KENDALL—Brooke GH, Ft Sam Houston, Tex 7 Sept Capt & Mrs Robert L Kendall, daughter.

KENNEDY—DeWitt AH, Ft Belvoir, Va 2 Sept Capt & Mrs Robert J Kennedy, daughter.

KIRK—Berlin, Germany 18 Aug 1st Lt & Mrs John M Kirk, son, Malcolm.

KLOBASSA—Wright-Patterson AFB, O 26 Aug Capt & Mrs Charles E Klobassa, son.

KRIGLINE—Madigan GH, Tacoma, Wash recently 1st Lt & Mrs A G Krigline, son.

LEIGHTON—Brooke GH, Ft Sam Houston, Tex 2 Sept Capt & Mrs Henry A Leighton, son.

LEONARD—WRGH, Washington, DC 8 Sept Lt (USPHS) & Mrs James R Leonard, son.

LODMELL—WRGH, Washington, DC 2 Sept 1st Lt & Mrs John G Lodmell, daughter.

LUHN—Griffiss AFB, NY 30 Aug Capt & Mrs Harold J Luhn, son.

LYGHT—Ft Gordon, Ga recently 2d Lt & Mrs William L D Lyght, daughter.

LYNCH—Ft Jay, NY 30 Aug Maj & Mrs Charles L Lynch, daughter, Kathleen Mary.

MACLENNAN—West Point, NY 29 Aug Capt & Mrs Robert G MacLennan, daughter, Mary Eugene.

MAX—Dreux, France 2 Sept 1st Lt & Mrs Robert H Max, 317 APRON, APO 253, NY, daughter, Dana Ann.

MCINERNEY—Ft Gordon, Ga recently 1st Lt & Mrs James T McInerney, daughter.

MCJUNKIN—DeWitt AH, Ft Belvoir, Va 2 Sept 1st Lt & Mrs Paul B McJunkin, daughter.

MILDE—DeWitt AH, Ft Belvoir, Va 7 Sept 2d Lt (USAF) & Mrs Walter L Milde, son.

MILLER—Brooke GH, Ft Sam Houston, Tex 25 Aug Capt & Mrs George M Miller, daughter.

MILTON—Birmingham, Ala. 5 Sept Maj & Mrs Wilburn E Milton, 1516 Valley View Dr, Birmingham, son, Scott Sidney.

MIRICH—Fitzsimons GH, Denver 9 Sept 1st Lt (USAF) & Mrs Guy S Mirich, son.

MURRAY—Fitzsimons GH, Denver 6 Sept Capt (USAF) & Mrs Raymond K Murray, son.

O'BRIEN—Ft Gordon, Ga recently 1st Lt & Mrs John A O'Brien, son.

O'NEIL—Fitzsimons GH, Denver 9 Sept Capt & Mrs John O'Neil, son.

ORTH—Ft Jay, NY 10 Aug Lt & Mrs Richard C Orth, son, Richard Kevin.

PERRIN—Ft Gordon, Ga recently Capt & Mrs Everett I Perrin, son.

PLITT—DeWitt AH, Ft Belvoir, Va 5 Sept Capt (USAF) & Mrs James R Plitt, daughter.

PRICE—Brooke GH, Ft Sam Houston, Tex 24 Aug Capt & Mrs Arlie D Price, son.

RAJEWSKI—Walsen AH, Ft Dix, NJ 31 Aug 2d Lt & Mrs Daniel C Rajewski, daughter, Teresa Marie.

RICCIARDI—Ft Gordon, Ga recently 2d Lt & Mrs Anthony J Ricciardi, son.

RICHARDSON—DeWitt AH, Ft Belvoir, Va 5 Sept Capt (USAF) & Mrs Donald L Richardson, son.

ROLLINS—Griffiss AFB, NY 30 Aug 2d Lt & Mrs Robert T Rollins, daughter.

ROWE—West Point, NY 28 Aug 2d Lt & Mrs William G Rowe, son, William David.

SALTAMACHIA—Wright-Patterson AFB, O 24 Aug 1st Lt & Mrs Jake A Saltamachia, son.

SANTOS—Brooke GH, Ft Sam Houston, Tex 4 Sept 1st Lt & Mrs John F Santos, jr, son.

SCHULTZ—Brooke GH, Ft Sam Houston, Tex 26 Aug Capt & Mrs Thomas L Schultz, son.

SHAYER—Berlin, Germany 9 Aug Capt & Mrs Lloyd F Shayer, daughter, Rebecca.

SILVEY—Fitzsimons GH, Denver 8 Sept CWO & Mrs Charles D Silvey, daughter.

SITES—WRGH, Washington, DC 7 Sept 1st Lt & Mrs William G Sites, son.

SMITH—DeWitt AH, Ft Belvoir, Va 3 Sept Maj & Mrs Dale M Smith, daughter.

SMITH—Walsen AH, Ft Dix, NJ 2 Sept 1st Lt & Mrs James Smith, son, Gerald Thomas.

SMITH—Berlin, Germany 22 Aug 1st Lt & Mrs James A Smith, daughter, Bridget.

SONDERGAARD—WRGH, Washington, DC 3 Sept Lt Col & Mrs Nils E Sondergaard, daughter.

STERM—Madigan GH, Tacoma, Wash recently 1st Lt & Mrs R L Sterm, son.

STEVENS—Brooke GH, Ft Sam Houston, Tex 29 Aug Maj & Mrs Francis J Stevens, daughter.

STUMPF—Dreux, France 25 Aug Capt & Mrs Robert E Stumpf, 40 TRPCARON, APO 253, NY, son, Philip Robert.

THEBAUD—Ft Jay, NY 22 Aug Capt & Mrs Delphin E Thebaud, daughter, Josephine Matilde.

TOSO—Ft Gordon, Ga recently Capt & Mrs Norman C Toso, son.

TURNER—Ft Gordon, Ga recently Capt & Mrs James J Turner, son.

VAN STRATEN—Brooke GH, Ft Sam Houston, Tex 3 Sept 1st Lt & Mrs James G Van Straten, daughter.

VERONNEAU—Griffiss AFB, NY 29 Aug 1st Lt & Mrs Richard F Veronneau, daughter.

VOORHIES—Dreux, France 29 Aug 1st Lt & Mrs James F Voorhies, 7305 TRANSON, APO 84, NY, daughter, Carol Yvonne.

WANSBORO—Carlisle Bks, Pa 4 Sept Col & Mrs William P Wansboro, son.

WEINBERG—Madigan GH, Tacoma, Wash recently 1st Lt & Mrs H Weinberg, daughter.

WELLS—Brook GH, Ft Sam Houston, Tex 30 Aug 1st Lt & Mrs Darius L Wells, son.

WHITE—DeWitt AH, Ft Belvoir, Va 3 Sept 2d Lt & Mrs William D White, son.

WHITMORE—Wright-Patterson AFB, O 25 Aug 2d Lt & Mrs Richard L Whitmore, son.

WOODS—Brooke GH, Ft Sam Houston, Tex 30 Aug Capt & Mrs Jack C Woods, son.

Married

COOPER-LIGHTFOOT—Christ Episcopal Church, San Antonio, Tex 3 Sept Miss Anne Bouldin Lightfoot, daughter of Mrs Frank A Lightfoot, 827 Wiltshire, San Antonio, & the late Major Lightfoot, and Mr John Neale Cooper, son of Dr & Mrs Melbourne J Cooper.

FABER-HOURIN—St Mary's Roman Catholic Church, Newburgh, NY 10 Sept Miss Kathryn Agnes Hourin, daughter of Mr & Mrs Alton Brooks Hourin, and Lt Peter Ross Faber, USMC, son of Mr & Mrs Herbert H Faber, Ho-Ho-Kus, NJ.

FITZGERALD-KIERAN—The Holy Name of Jesus Roman Catholic Church, New York City 10 Sept Miss Mary Catherine Kieran, daughter of Mr & Mrs Laurence D Kieran, New York, and 1st Lt Stanley Gregory Fitzgerald, USMC, son of Dr & Mrs Albion J Fitzgerald, New York.

KRETZ-GRANT—Our Lady of the Assumption Roman Catholic Church, Fairfield, Conn. 10 Sept Miss Kathleen Grant, daughter of Mr & Mrs William F Grant, and Mr Frederick Cecil Kretz, son of Capt (USN-RET) & Mrs Charles H Kretz, Jr, San Mateo, Calif.

LEWIS-HULBERT—Easthampton, LI, NY 4 Sept Miss Margaret Kate Hulbert, daughter of Mr & Mrs Kenneth Hudson Hulbert, Ravenna, O, and Lt(jg) Lawrence Johnson Lewis, USCG, son of Mr & Mrs William Bennett Lewis, Riverdale, The Bronx, NY.

LOUGHNAN-BARAN—Spring Lake, NJ 10 Sept Miss Elena Henrietta Baran, daughter of Mr Vladimir Peter Baran & the late Mr Baran, and Mr William Cyril Loughnan, son of Lt Col (USA) & Mrs Cyril Joseph Loughnan, Brielle, NJ.

MALONE-COOLEY—Memorial Baptist Church, Arlington, Va 5 Sept Miss Mary Elizabeth Cooley, daughter of Col & Mrs Ray N Cooley, McLean, Va, and Mr Richard Thomas Malone.

MAXWELL-BENNER—The Methodist Church, Chevy Chase, Md 4 Sept Miss Linda Benner, daughter of Mr & Mrs William R Benner, Strettor, Ill, and Lt Louis Rigby Maxwell, jr, USMC, son of Dr & Mrs Maxwell, Chevy Chase.

STONE-ONNARD—St John's Protestant Episcopal Church, Savannah, Ga 10 Sept Miss Adeline Onnard, daughter of Mr & Mrs Thomas Onnard, and Mr Paul Goadby Stone, son of Capt (ChC, USN-RET) & Mrs Albert Edward Stone, Mt Pocono, Pa.

STRAUGHN-LOVEJOY—St George's Protestant Episcopal Church, Rumson, NJ 10 Sept Miss Barbara Sue Lovejoy, daughter of Col (AUS-RET) & Mrs Clarence E Lovejoy, Horseneck Point, Oceanport, NJ, and Mr Charles Thomas Straughn, II, Wilmington, Del.

TAYLOR-GARNETT—St Alban's Episcopal Church, Washington, DC 10 Sept Miss Judith Reed Garnett, daughter of Capt (USN) & Mrs Philip Weaver Garnett, and Mr Daniel Wheeler Taylor, son of Mr & Mrs George E Taylor, No Plainfield, NJ.

Died

ANDERSON—Died Teheran, Iran 3 Sep Belinda Ann Anderson, five-year-old daughter of Lt Col & Mrs Roland Anderson, ARMISH-MAAG, APO 205, NY, after a long illness. Also survived by one brother, Robert John Anderson, Burial National Cemetery, Ft Snelling Minn.

COHEN—Died Philadelphia, Pa recently Mrs Anna Cohen, 86, mother of Lt Col Samuel H Cohen, AUS-RET, 3193 Toby Ln, Memphis 11, Tenn. Also survived by her husband, Mr Harry Cohen; four other sons; 12 grandchildren & 13 great-grandchildren.

CRAIG—Died at her home in San Antonio, Tex, recently Mrs Lillian Osmun Craig, 88, widow of Col Charles Franklin Craig, MC, USA. Survived by one daughter, Mrs Robert E M Goolrick, San Antonio; one son, Lt Gen Edward A Craig, USMC-RET, San Diego, Calif; one granddaughter, Mrs

Walter E Finnegan, 44 Fayette St, Boston 16, Mass; and three great-grandchildren, Burial National Cemetery, Ft Sam Houston, Tex.

DAMOUR—Died Letterman GH, Presidio of San Francisco, Calif 20 Aug Col John Lawrence Damour, USA-RET. Survived by his widow, Mrs Helen Damour, 50 Chumassero Dr, San Francisco; and one brother, Burial National Cemetery, San Francisco.

DODSON—Died Walter Reed GH, Washington, DC 9 Sep Mrs Jean McDonald Dodson, wife of Col Aubrey K Dodson, USAF-RET, 955 So Columbus St, Arlington, Va, and daughter of Mrs Jane T McDonald, Arlington, Va, & the late Col Donald C McDonald, also survived by three daughters, Mrs Jane D Woolley, Naples, Italy, Miss Mary M Dodson, NY City, & Mrs Martha D Fraioli, Richmond, Va; and four grandchildren, Burial Arlington National Cemetery.

EWING—Died Bryn Mawr, Pa 19 Aug Mrs Roxanne Slater Ewing, wife of Mr Charles B Ewing, Jr, (USMA '51), 17 A Chestnut St, Boston, Mass.

FALLING—Died 10 Sep Mrs Corinne E Falling, wife of Capt Rollin V A Falling, USN-RET, 11100 Griffing Blvd, Miami, Fla. Burial Arlington National Cemetery, Washington, DC.

GLOVER—Died at his home at Marion, Ala 6 Aug Col Charles Williamson Glover, USA-RET, 65, veteran of both World Wars, and brother of Adm Cato D Glover, USN-RET. Also survived by his widow, Mrs Kathryn D Glover, Marion; one son, 1st Lt Charles W Glover, jr, Arty, Ft Campbell, Ky; one daughter, Mrs Stephen W Rowe; two grandsons; and another brother, Mr William A Glover, Burial Marion.

HADLEY—Died Arlington, Va 9 Sep Maj Douglas McK Hadley, USAF-RET, 72. Survived by his widow, Mrs Jarmilla Hadley, 3405 No Buchanan St, Arlington; one son, John Hadley; and one daughter, Mrs Mary H West, Edwardsville, Ill. Interment Edwardsville.

JACKSON—Seneca, Md, of a heart attack, 12 Sep LCol Thomas Lester Jackson, USN-RET, 59, Asst Secy & Treasurer of the Navy Mutual Aid Assn. Survived by his widow, Mrs Margaret B Jackson, 8801 Irvington Ave, Bethesda, Md; and one son, Thomas H Jackson, Burial Arlington National Cemetery.

KEEFE—Died 10 Sep Mrs Alice L Keefe, mother of Capt Loren J Keefe, USAF, Germany, Burial Arlington National Cemetery, Washington, DC.

McCABE—Died 8 Sep Lt John S McCabe, USNR.

PARKER—Died USAH, Ft McClellan, Ala 3 Sep Col Hugh C Parker, USA-RET, veteran of both World Wars and Korea. Survived by his widow, Mrs Ethel T Parker, Jacksonville, Ala; two sons, Hugh C, jr, Gadsden, Ala, & Robert Parker, Jacksonville; one granddaughter; and three brothers.

RICHARD—Died 3 Sep Lt (Jg) Carl Richard, USN.

TRAYNOR—Died Coronado, Calif 6 Aug Capt Francis P Traynor, USN-RET. Survived by his son, Cdr William J Traynor, USN, NRLO Com SubPac, c/o Com Sub Fleet One, San Diego 32, Calif. Burial Plattsburgh, NY.

TUBE—Died Walter Reed GH, Washington, DC 10 Sep Col James M Tubb, USA-RET. Survived by his widow, Mrs Mary J Tubb, 1400 Park Terrace Dr, Alexandria, Va; seven daughters, Mrs Ernest Howell, Mrs Albert Hathcock, Mrs T Newell, Mrs Neeley Hensley, Mrs Everett Tucker, Mrs William H Colburn & Miss Nell Tubb; and one son, James M Tubb, jr. Burial Arlington National Cemetery.

11 Killed in Japan Crash

Eleven men aboard a weather reconnaissance plane were killed when the aircraft ploughed into the side of a mountain in Japan 7 September. Those aboard the aircraft, which was assigned to the 56th Weather Reconnaissance Squadron, were: Capt. John R. Willis; Lt. William L. Hesse; Lt. Lawrence K. Draper; Lt. Robert W. Blanton; Lt. Howard S. Kelly; M/Sgt. James W. Fields; M/Sgt. Claude M. Burgess; T/Sgt. Vernon W. Powell; A/IC. Edward L. Armstrong; A3C. Barney Jolouski; and A/3C. Alfred Campbell, jr.

Major Bone To Ent

Maj. Vernon Bone, Administrative Officer for Tyndall AFB, Fla., leaves 22 September for the Air Defense Command at Colorado Springs where he will be the Assistant Director of Administration.

Capt. Grover Lipe has been named the new Tyndall Administrative Officer.

Col. Williams At Verdun

Col. E. W. Williams is the new Deputy Commander of the Theater Army Support Command, Europe, at Verdun, France.

From Joseph Gale F. D. Jr. Blodgett ton. Do John F. Quayl Livesay Dorn D. Smith Charl Nick; B: O' O' Dill neth W. Eldridge Roberts Bunnell lin, Har Jack E; N; Uhlr James, Weav Shoema ty, Ibrl Howell, Turner, Elias, Greensp Radmads McFady Godda ner, Ra gan, El James E M; Joh W; Kro R; Lest Hardy, Smith Psomas, Nick, Mills, J Walter Jack P; W; Fre; Willi Wonaco Dwight C; Wol Prochas Crucian Yorston, et, Fr William Herbert RGAF A Austin Sheppar O'Hara USAFH Knuds sta Hen Wetla Travis A Di Dillow Ellis F; ard S; Griffith, William macher, John L. AIRMET Devoise, Conant Constant Kelley, Balrd, M Lavery, Schwart Starkey, Willhite, Willis, A Kramer, Shepard Wickma Hamilton Kanner, Pritchard AIRMET Horne, AIRMET SM/Sg M/Sgt Krugm T/Sgt ert L S/Sgt Homer, Thomas, A/IC: Charles A/IC: A/2C:

USAF Orders

From page 21—

Joseph W. Jr; Nordenstrom, Wall O; Rice, Gale F; Calland, Thomas J; Bull, Stephen D, Jr; Taylor, Irving C; Longer, Donald K; Blodgett, John H; Wilcox, Charles R; Shelton, Donald A; Burnett, John J, Jr; Floyd, John F; Puttkamer, Kenneth; Oehme, Vance;

Quayle, Gerald D, Jr; Hewitt, George E; Livesay, Willie E; Hathaway, Bruce R; Dornbrock, Richard C; Hopkins, Charles, Jr; Smith, Eben J; Nielsen, Austin; Pratt, Charles J; Redford, Bynum H; Plascak, Nick; Vickrey, Charles R; Hardy, Preston B; O'Conner, Henry M; Gonske, Walter F;

Dill, Alvin W; Wood, John R; Prien, Kenneth W; Reiter, Jack; Carter, Daniel R; Eldridge, Clayton R; Rehak, Frank, Jr; Robertson, Everett E; Hemmer, Albert B; Bunnell, Jerry A; Masden, Gilbert A; Laughlin, Harlan L; McElroy, James T; Williams, Jack E; Massey, Holman C; Farrell, Everett N; Uhring, Frank G; King, Kave B, Jr; James, John G; Howard, Herbert B, Jr;

Weaver, Worden; Hester, Benjamin F; Shoemate, Foy L; Shipley, Francis M; Beatty, Irlie M, Jr; Fitzpatrick, James T, Jr; Howell, Joseph V; Munnerlyn, Billy J; Turner, Archer L J; Nolan, Alvin V, Jr; Elias, Samuel M; Duncan, Kenneth R; Greenspun, Morris J; Levine, Howard M; Radomski, Meko M; Robinson, Richard S; McFadyen, James B; Barbieri, Michael J;

Goddard, Ernest D; Hiney, John W; Warner, Raymond P; Fernandes, Joe L; Morgan, Emory C; Flicek, Jerry F; Cough, James F; May, Donald R, Jr; Gates, William M; Johnson, Thomas B; Sanders, Wendell W; Kroemmelbein, Wil F; Borchers, Clyde R; Lester, Raymond N; Storck, Gordon F; Hardy, Claude M; Marshall, Benjamin C;

Smith, Larkin B, Jr; Detroy, Frank, Jr; Pomas, Harry P; Briesemeister, Edward E; Nicks, Howard L; Cummins, Daniel G; Mills, Jack W; Stulting, Elton R; Petkus, Walter A; Goris, William B; Richardson, Jack P; Larsen, James C; Stemen, Forest W; Frederick, Russel R;

Williams, Max A; Haynes, Willard C; Wonacott, Eldon D; Black, Oscar L; Potter, Dwight H; Knutson, Gerald P; Tate, John C; Wolf, Gayle C; Owen, Arthur W, Jr; Prochaska, Joseph R; Cadwell, Truman F; Cruciana, Louis G; Wilcox, Robert W; Forston, Alfred, Jr; Wilson, Myrt P; Everett, Franklin A; Neff, Leo M; Beecham, William P; Baldwin, Oscar F, Jr; McQuown, Herbert W; Dower, Donald W; Powers, Robert L; Callahan, William S.

RGAF APPOINTMENTS—

As Captain

Austin, John A, (DC), & asg to USAFH, Sheppard AFB.
O'Hara, James W, Jr, (DC), & asg to USAFH, Keesler AFB.
Knudsen, Kermit B, (MC), & asg to dy sta Henry Ford Hosp, Detroit, as res.

As 1st Lieutenant

Wettlaufer, R K, (DC), & asg to USAFH, Travis AFB.

As 2d Lieutenant

Distinguished Mil Grad, AFOTC

Dillow, James D; Doan, Larry R; Hitt, Ellis F; Altenburg, John F; Sapp, Richard S; Smith, John L; Couranz, George R; Griffith, Gerald D; Heller, Jerome; Kessler, William B, Jr; McCreary, Robert W; Schumacher, Leon R; Shearer, Milo E; Slack, John L; Uhlig, George F; Waylett, Dan K.

AIRMEN ADVANCED ON RET LIST—

Devoise, M/Sgt Willard L, as Capt.
Conant M/Sgt William, as Capt.
Constant, M/Sgt Daniel, as Capt.
Kelley, M/Sgt Frank G, Jr, as Capt.
Baird, M/Sgt Clifford R, as 1st Lt.
Lavery, M/Sgt Thomas, as 1st Lt.
Schwartz, M/Sgt Herman W, as 1st Lt.
Starkew, M/Sgt Mark J, as 1st Lt.
Wilhite, M/Sgt Roy J, as 1st Lt.
Willis, A/B Claude, as A/IC.
Kramer, M/Sgt Anton, Jr, as CWO-2.
Shepard, M/Sgt Cesco W, as CWO-2.
Wickman, M/Sgt Leo G, as CWO-2.
Hamilton, M/Sgt Charles P, as WO.
Kanner, M/Sgt Kenneth, as WO.
Pritchard, M/Sgt Cecil O, WO.

AIRMEN RETURNED TO RET STATUS—

Horne, T/Sgt Joe T.

AIRMEN RETIRED—

SM/Sgt: Sheaffer, Francis O.
M/Sgt: Kilmer, William A, as Capt;
Krugman, J J; Freston, Ray D.
T/Sgt: Sundell, Halmer C; Boykin, Robert L.
S/Sgt: MacIntock, John L; Mefford, Homer, Jr; Newlin, Jack K; Kirkham, Thomas, Jr.
A/IC: Holsinger, Kenneth L; Thornton, Charles M.
A/IC: Askins, Gerald R; King, David F.
A/2C: Smith, Kinza P, as T/Sgt.

Secretary Gates Sees Pershing Missile Developing To Third Generation IRBM

Secretary of Defense Gates has disclosed that a new strategic role is being considered for the Army's Pershing missile.

At an informal press conference in the Pentagon 14 September, he said there is a possibility that the Pershing may be developed into a third generation IRBM.

Secretary Gates also:

- Confirmed that added Congressional appropriations for enlarging the range of the Navy's Polaris fleet ballistic missile would be spent;

- Said that this week he would decide how to spend the extra money voted by Congress for the Air Force's Mach-3 B-70 bomber program; and

- Revealed that the Army had submitted a 25-item shopping list to use the \$93 million voted by Congress modernization.

The Army's shopping list, he said, exceeded the available \$93 million. He

added, however, that some items already have been approved.

Range of the Pershing missile, built by The Martin Company, has been described by the Army as between 100 to 300 miles.

It was developed to replace the Redstone missile with the field Army and will be transportable on the battlefield with its own erector and launcher.

Army officials had hinted the Pershing might be capable of two or more times its announced range. These longer range possibilities were played down by the Army, reportedly for fear that it might lose operational control of such a longer range missile.

Under former Secretary of Defense Charles E. Wilson, the Army had been restricted to operational control of missiles with 200 miles or less range. This decision later was modified by Secretary of Defense McElroy to permit Army developments of longer range weapons.

Gen. MacArthur Issues Statement On Gen. Pershing's Centennial

The following statement regarding General of the Armies John J. Pershing, was released by General of the Army Douglas MacArthur.

"I FIRST met General Pershing when he was a Captain of Cavalry. I had just graduated from West Point and we were in the office of my father who then commanded on the Pacific Coast. It was in the old Phelan Building in downtown San Francisco and I shall never forget the impression made on me by his appearance and bearing. It confirmed all of my concepts of the ideal soldier. He was the very epitome of what is now reverently and affectionately called the "Old Army." As he left he turned to my father and said, "General MacArthur, I am sure Douglas and I will meet again." How true and how often!

In February of 1917, just before we entered the war, I was a Major on the General Staff on night duty at the War Department with the then Lieutenant Colonel from the Adjutant Generals Office, Peyton C. March. The Secretary of War, Newton D. Baker, was entertaining at dinner that night for President Woodrow Wilson. He had given me instructions not to interrupt unless I regarded the message of utmost importance. At about ten o'clock, March, who a short time later was to become our great wartime Chief of Staff, brought me a wire from San Antonio stating that General Fred Funston had just dropped dead in the Menger Hotel. As General Funston was known to be the designated Commander-in-Chief of our Expeditionary Forces if we entered the war, both March and myself felt I should at once inform the President and Secretary. When I reached the Secretary's house I had difficulty in persuading the butler to let me enter. The dining room, which was just off the hall, was ablaze with light and laughter. The President saw me arguing with the butler, recognized me from previous meetings and sang out merrily, "Come in Major MacArthur." It was a tough moment for me but I clicked my heels together, saluted and read the message. Had the Voice of Doom spoken the result could not have been different. The silence seemed almost like that of death. For a full moment one could hear his own breathing. The President and the Secretary took me into an adjacent room and dictated a message of sympathy to Mrs. Funston. The President then said to the Secretary, "Who now, Newton, will command in Europe?" Instead of a direct reply the Secretary turned to me and asked, "Whom do you think the

Army would choose, Major?" And my answer was this, "I cannot, of course, speak for the Army, but my own choice would be without question General Pershing." The President looked at me long and hard and then said quietly, "It would be a good choice."

I recall so vividly one of our early critical days in France when General Pershing was in the sector of the Rainbow Division of which I was then the Chief of Staff. A messenger handed me a dispatch for him from G.H.Q. It was Douglas Haig's famous signal, "With our backs to the wall . . . etc." I looked at Pershing questioningly but he was expressionless. And then as he turned to leave he said with that harshness in his voice we all learned to know when he was troubled, "We old First Captains, Douglas, must never flinch." He had been the First Captain at West Point in the Class of 1886; I of the Class of 1903. When a year or more later he made me a Division Commander, the Corps Commander, a great fighting soldier, Charles Pelot Summerall, was also a First Captain of the Class of 1892, and when someone jocularly said, "This makes it three of a kind," the Old Man did not like it and said sharply, "I don't want gambling terms used with reference to this Army. The Expeditionary Force is here not to play cards but to fight." I have never shuffled a deck except for solitaire since that day. But we all three later became Chief of Staff of the Army.

When I reached that exalted position it was in succession to General Summerall, and General Pershing had long since retired. In the vital problems which then faced me—the reorganization and revitalization of the Army for World War II—I consulted and advised with him long and often. His wise old head helped me over many a troubled spot. One of the most drastic renovations was the change from horse to armor, from the saddle to the tank. When I broached it to him it was with some anxiety as I knew his complete devotion to the conventional cavalry. He listened with scowling brows and then silence, but the blow made him wince. I then recalled what he had said to me fifteen years earlier on the blood soaked fields of France, "We old First Captains must never flinch." He burst into a hearty laugh and replied, "I will back you to the hilt."—and there was no harshness in his voice.

General Pershing's fame rests largely upon his personal character. In his indomitable will for victory, in his implacable belief in the American soldier, in his invincible resistance to all at-

USS Rankin Wins Gold "E" 5th Year

The Atlantic Fleet Amphibious Force attack cargo ship Rankin has become the first ship in Atlantic Fleet history to win the Golden E Battle Efficiency Award for overall readiness in fleet competition for five consecutive years.

A plaque symbolizing the Rankin's achievement was presented to its commanding officer, Capt. E. L. Harmon, 9 September by Admiral Robert L. Dennison, Atlantic Fleet CinC, at Little Creek, Va.

In the past five years, the Rankin has won every award possible for an amphibious ship. These awards include the operations department Green "E," the Red "E" for Engineering, and "E" for the five-inch gun mount, an "E" for a 40mm mount and the Assault Boat Group insignia.

The Rankin also received the Marjorie Sterrett Award in 1958 for having the highest mark in intratype battle efficiency competition.

The ship was further honored with a citation certificate from the City of Norfolk.

Previous commanding officers of the Rankin during the five-year award period are Capt. M. T. Munger, Capt. J. D. Ferguson, Rear Adm. W. F. A. Wendt (USN-Ret.), Rear Adm. John Harlee (USN-Ret.), and Capt. J. S. C. Gabbert.

"E" ON UNIFORMS

Crews of ships which have won the Gold E for overall readiness in fleet competition for five consecutive years have been authorized to wear a golden E on their uniforms.

The change has been authorized by the Chief of Naval Personnel, and will soon be published in revisions of Navy uniform regulations.

Navy Board Meets To Pick Commanders

A Navy selection board, headed by RADM. R. W. Cavenagh, met 13 September to consider Line lieutenant commanders for promotion to commander.

The board is expected to be in session for about five weeks.

Members of the board include: RADM. R. J. McElroy, Jr., RADM. D. J. Welsh; Captains R. G. Anderson, G. L. Block, G. Chiles, C. T. Cole, A. J. DeVico, J. F. Dorrhakes, J. A. Holmes, L. J. Mack, W. B. McQuown, E. V. Mohl, J. H. Muster, Jr., F. M. Murphy, S. H. P. Reed, Jr., W. K. Schaefer, E. H. Schantz, F. C. Snow, E. H. Swain, W. L. Thomas; Cdr. W. H. Alexander, Recorder; Lt. C. J. Driscoll, Assistant Recorder; LCdr. G. Tkach, Assistant Recorder.

WAVE Board

A selection board, headed by Capt. S. C. Snow, convened in Washington, D. C., 13 September to consider WAVE lieutenant commanders for commander. It is expected to be in session about two weeks.

Board members include: Captains G. L. Block, J. F. Dorrington, L. J. Mack, E. Muhlenfeld, J. A. Holmes; Cdr. W. Love; and Lt. R. B. King, Recorder.

temps to exploit or patronize American arms, he rose to the highest flights of his profession. He inspired a self-respect for our national forces and a foreign recognition of our military might which has properly placed us fully equal to the best of the human race. My memories of him sustained me and strengthened me during many a lonely and bitter moment of the Pacific and Korean wars. I could almost feel his warm hand on my back. He was, indeed, the "beau-sabreur"—a "First Captain" in every sense of the term."

Back From O'Scas

Col. Homer B. Chandler, Jr. has been assigned to XV Army Corps, Presidio of San Francisco, as Special Assistant to the CofS, reporting from duty as Post Commander in Nuremberg, Germany. He is the son of Col. H. B. Chandler, USAF-Ret., 6203 La Jolla Blvd., La Jolla, Calif. A USMA '40 graduate, Colonel Chandler, his wife, and three children reside at 134 Forest View Drive, San Francisco.

Col. Otto R. Koch, Jr. is Director of the Department of Non-Resident Instruction at the Ft. Benning, Ga., Army Infantry School. He is married to the former Jane West of Morgantown, W. Va.

Col. William M. DeLaney, formerly assistant chief of staff (G1), USAREUR, has assumed his new duties as commanding officer of the Georgia Sector Command with headquarters in Atlanta. He and his wife, the former Edith Farmer of Maryville, Tenn., are making their home at 1501 North Decatur Road. They are the parents of two married daughters.

Lt. Col. Charles C. Underwood has assumed duties as Fourth Army Deputy Information Officer, Ft. Sam Houston, Tex. Before entering military service in 1941, he was a reporter with the Amarillo, Tex., Globe-News and in 1960 received his MA degree in journalism at the University of Missouri. Colonel Underwood, until recently, was the U. S. Military Advisor to a Turkish Infantry Division in Sivas. He resides at Ft. Sam Houston with his wife, Geneva, and children, Victoria, 14; Charles, 12, and James, 3.

Lt. Col. Thomas H. Brown is the new Base Engineer at Travis AFB, Calif., arriving from a three year tour as military assistance program officer with the U. S. European Command in Paris. A USMA '43 graduate, he and his wife, Elvira, have two sons Tim, 15, and Jim, 9.

Lt. Col. Judson D. Wilcox, reporting from Germany, has been assigned to the G-3 Section, at First Army Headquarters, Governors Island, N. Y., as Chief of the Individual Training Branch. Colonel and Mrs. Wilcox have four children, Sue, 20; Jonathan, 18; Patricia, 16, and Rhoda, 12.

Maj. Robert E. O'Bannon has been named Finance and Accounting Officer at Ft. Eustis, Va., after duty with MAAG, Philippines.

Capt. Stanley L. Scharff has assumed command of the 28th Field Hospital, 55th Medical Group, Ft. Bragg, N. C., reporting from Landstuhl, Germany.

Capt. James R. Lewis has joined the 82d F-I Squadron at Travis AFB, Calif., reporting from the 64th Air Division in Newfoundland.

Col. Merton Singer, since 1956 Commanding Officer of the U. S. Army Quartermaster Petroleum Distribution Command, Europe, has returned to the States and taken over the post of Deputy Quartermaster of the First United States Army.

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Texas

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Awards \$50.4 Million For Assault Tanker

The Navy has awarded a \$50.4 million contract to Lockheed Aircraft Corporation, Marietta, Ga., for the production of GV-1 Assault Tanker aircraft for the Marine Corps.

The contract is the third awarded to Lockheed by the Navy for production of GV-1's which are used for in-flight refueling; they are a modification of the Air Force's C-130B "Hercules."

Atomic Support Post

Col. Jack C. Ledford, USAF, has been appointed the Deputy Chief of Staff for Weapons Effects and Tests, of the Defense Atomic Support Agency.

He moves up from Chief, DASA Weapons Test Division, and Assistant Deputy Chief of Staff.

Colonel Ledford, his wife, the former Betty Jane Paisley of Zanesville, Ohio and their three children, Barbara, 16; Mike, 14; and Dan, 11; reside at 117 Adrienne Drive, Alexandria, Va.

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Hawk Missile Units Arrive In Panama

Personnel of two Hawk missile air defense batteries for the Canal Zone have arrived at Albrook AFB, Panama.

Battery F, 55th Artillery and Battery F, 67th Artillery departed by MATS aircraft from Charleston AFB in a series of flights during the week.

As soon as a Department of Army reorganization order is received, the two batteries will be incorporated into the 4th Battalion, 517th Artillery as Batteries D and C respectively.

Capt. Addison L. Lewis commands the 55th Artillery battery, while Capt. Charles M. Kindick is in charge of the unit from the 67th Artillery.

New TC School PIO

The Army Transportation School at Ft. Eustis, Va., has a new public information officer, 1st Lt. Bernard E. Gibson, who is also security officer.

He and his wife Judith make their home at Quarters 2358-A, Ft. Eustis.

U. S. COAST GUARD

Secretary of the Treasury—Robert B. Anderson
Commandant—Admiral Alfred C. Richmond

ASSIGNMENT CHANGES

Captain

Eastman, Jesse E, MIO, Charleston (OCMI to MIO, Seattle (OCMI).
Parker, Lynn, MIO, Seattle (OCMI) to WINONA (CO).
Gull, Samuel G, WINONA (CO) to HQ (Asst Ch MVI Div).

Commander

Benkert, William M, MIO Det, San Diego (Designated OCMI).
Cooper, Earl B, MIO, Ketchikan (Duty) to NORTH INSP (Duty).
Cullison, Charles F W, MIO, Jacksonville (Duty) to MIO, New York (Duty).

Lieutenant Commander

Boswell, William H, CGD9 (Compt) to WACHUSETT (XO).
Hinnen, Orville C, CGD2 (p) to CGD9 (Compt).
McLean, Frank E, MIO, New York (Duty) to MIO, Juneau (Sr. Officer Ketchikan Det).
Schroeder, William H E, WACHUSETT (XO) to MIO, Seattle (Duty).
Schuerch, Robert, ARIADNE (XO) to CGD14 (fs) amended to CGD8 (fs).
Shafer, Elliot S, MIO, Philadelphia (Duty) to MIO, Jacksonville (Duty).
Smith, Glenn L, CGAS, Brooklyn (Difot) to CGAD, San Juan (Difot)—CANCELLED.
CGAS, Brooklyn (Difot) to CGAS, San Diego (Difot).
Unterehn, Leonard M, MIO, San Francisco to MIO, Long Beach (Duty) amended to MIO Det., San Diego (SIM).

Lieutenant

Benjamin, Neal B H, LTS, O'Shima (CO) to Group, New York (Duty).
Dearden, John A, SUNDEW (XO) to RECEN, Cape May (Duty).
Dempsey, Alan C, PLANETREE (XO) to CGD11 (RCC).
Lynch, Norman B, LTS, Naulo Pt (CO) to SUNDEW (XO).
Jurgens, Charles E, CGD8 (fs) to Academy (fs).
Brogdon, William J Jr, LTS, Nomaika (CO) to IVY (XO).
Mortensen, Carl M, Moore-McCormack Lines (Duins) to MIO, New York (Duty).
Oberholtzer, George R, LTS, Palau (CO) to MIO, Mobile (Duty).
Ward, Ellis P, home to CGAS, Miami (Difot).
Rettie, George L, LTS, Saipan (CO) to Base, St George (Duty).

Lieutenant (jg)

Condo, Raymond, CONIFER (Duty) to JONQUIL (Duty) CANCELLED.
Jenkins, David A, MACKINAC (Duty) to TAMAROA (Duty).
Johnson, Lewis, FIREBUSH (Duty) to MIO, New York (Duty).
Milloy, Hugh J, WINNEBAGO (Duty) to CGD13 (p) amended to CGD11 (p).
Wells, John R, ROCKAWAY (Engr Trng to Engr Duty).

Williams, Hugh L, WPB-83453 (CO) to CGD13 (p).
Back, William R, CGD9 (p) to Home.
Desmond, Lawrence G, AVOYEL (Duty) to Home.
Drum, Karl K, DEXTER (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, San Francisco (Duty).
Elkins, Robert H, AGASSIZ (XO) to CGD1 (RCC).
Kelley, Leo J, RTC, Yorktown (TEMINS/MM Indoc) to MIO, St Louis (Duty) amended to MIO, Mobile (Duty).
O'Brien, Michael J, McCulloch (Engr Trng to Engr Duty).
Pollock, John A, MACKINAC (Engr Duty) to TAMAROA (EO).
Ross, Robert J, MACKINAW (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, Cleveland (Duty).
Taylor, Bernard C, HALFMOON (Duty) to MIO, Norfolk (Duty).

Ensign

Bleich, Arthur H, SORREL (Duty) to EASTWIND (TEM pend furas).
Doughten, Franklin H, CHEROKEE (Duty) to RTC, Yorktown (TEMINS/MM Indoc) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, Toledo (Duty).
Hatfield, Cameron A, COOK INLET (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, New York (Duty).
Hesler, Donald D, STORIS (Duty) to SORREL (Duty).
Krenke, David F, ACUSHNET (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, Buffalo (Duty).
Buckman, Samuel T Jr, CHILULA (Duty) to AGASSIZ (XO).
Hancock, Robert E, NORTHWIND (Duty) to MIO, St Louis (Duty).
Hicks, Richard H, MENDOTA (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, Baltimore (Duty).
Mania, Daniel C, YAKUTAT (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, Philadelphia (Duty).
Mozzochi, Donald C, COTP, Philadelphia (Duty) to CGD9 (COTP).
Mull, Billy R, ESCANABA (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, Boston (Duty).
Walsh, Edward A, SEBAGO (Duty) to RTC, Yorktown (TEMINS/MM Indoc) thence MIO, Mobile (Duty).

CWO, W-4

Phillips, Cecil E, ERS, Manasquan (CO) to CGD3.
Marshall, Everett M, Group, Detroit (Designated GRUCOM).

CWO, W-3

Henry, Oliver T, DILIGENCE (ED) to CGAS, San Diego (COTP).

CWO, W-2

Kane, James R, AURORA (EO) to EAST INSP.
Ashby, Karl M, WHITE PINE (CO) to Group, Baltimore.

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INDUSTRY IN DEFENSE

INDUSTRY PERSONNEL:

Army's Edward J. Cottrell Joins Martin Co.; Navy Veteran Named To NAA Atomic Div.

EDWARD J. COTTRELL, Department of the Army Assistant Chief of Information, will join the Martin Company as Manager of Information Services for the Orlando, Fla., Division.

One of the most well known Armed Forces Information officials in the Nation, Mr. Cottrell has held important public relations assignments with the Department of Defense and the Army for 17 years.

A veteran of WWII Army service, Mr. Cottrell is a former New Jersey newspaperman. He and his wife, Emma, have two daughters, Jacqueline, 16, and Stacy, 11. They reside at 2015 Brad Street, Falls Church, Va., but will move shortly to Orlando.

Philip R. Keep, a WWII Navy veteran, has been appointed Manager of Applications Engineering at Atomics International, a division of North American Aviation, Inc., Canoga Park, Calif. He replaces **Dr. Robert L. Loftness**, who was named Commercial Director of Dynatom, the company's new French affiliate in

Paris. Commander Keep, USNR, his wife, and two sons live at 4516 Del Moreno Drive, Woodland Hills, Calif.

Dr. David S. Potter has been named head of the Sea Operations Department for General Motors Defense System Division in Detroit. It is announced by Harold R. Boyer, GM Vice President and Division General Manager. Dr. Potter, who will make his headquarters at the Division's newly-acquired research laboratory in Goleta, Santa Barbara County, Calif., is a specialist in sonar and the acoustics of sea water. He previously was Assistant Technical Director of the Applied Physics Laboratory, University of Washington, Seattle.

Peter Macdonald, a WWII Air Transport Command veteran, who has represented Goodyear Aircraft Corporation in Washington for the past five years, has been named General Manager of The Goodyear Tire & Rubber Company's Washington office. He is married and has three children.

North American Studies Antitank Plan for Army

An Army study and research contract to collect data for new concept in antitank missiles has been awarded to the Columbus Division of North American Aviation, Inc., Division President W. H. Yahn announced.

The \$76,000 contract calls for several months of intensive testing of the concept, both at NAA's Columbus plant and at the Army's Aberdeen, Md., Proving Ground.

The system proposal was developed independently by North American engineers who conducted several months of analytical research and worked out many of the engineering theories and principles. The idea was submitted to the Army after the company had developed the proposal to the point where actual field testing was necessary to establish feasibility.

If feasible, the concept would permit the production of antitank and combat vehicle missiles which could accurately find and destroy their target, Yahn said.

The contract was awarded by the Cleveland Ordnance District of the Army Ordnance Corps, Cleveland, Ohio.

Col. Bowe Gets New Republic Post

Col. Hugh H. Bowe, jr., USAF-Ret., has been appointed Director of European operations for Republic Aviation Corporation. It was announced by James L. Murray, Sales Vice President. He succeeds Brig. Gen. John M. Sterling, USAF-Ret.

Col. Bowe joined Republic two years ago as Assistant Director of European operations. Before that he served 18 years in the Air Force, retiring in 1958. During his military career he was Chief of Cargo Branch and Chief of Aircraft and Missiles for the AMC, Wright-Patterson AFB, Ohio. During the Korean war he headed the Wright Field unit which was responsible for programming, procurement and production of some \$10 billion worth of aircraft and missiles.

Republic's European activities include support operations for its F-84 fighters, which constitute a large proportion of the air arms of most of the members of NATO. The company's newest production aircraft, the F-105 Thunderchief, will be deployed in significant numbers to USAF European wings later this year.

NSIA Will Hear JCS Chairman

The National Security Industrial Association will hold its annual dinner 28 September on the second day of a three-day meeting at the Waldorf Astoria Hotel, New York City.

Speaker will be General Nathan F. Twining, JCS Chairman.

Alpha Corp. Instructs Navy, Air Force Men

Instruction in operation and maintenance of highly-sophisticated electronic systems is being offered Air Force and Navy personnel in classes now being conducted under auspices of Alpha Corporation of Texas in Richardson.

Airmen are from Air Materiel Areas, Strategic Air Command, and Air Training Command. Classes of about 10 airmen each feature instruction in operation, maintenance and overhaul of single sideband (KW76-5) transceiver equipment.

Navy personnel are receiving instruction in use of fleet communications electronic systems. Students are from the Navy Department's Bureau of Ships. Two classes, of 10 and 13 students, respectively, are enrolled in the current course.

Instructors for the classes are staff members of the Alpha Training Department, under supervision of Lyndon Bates, a part of the company's Field Operations Division.

Mr. Speakman Will Head RCA's Patrick Project

Appointment of Edwin A. Speakman as Division Vice President, Missile Range Programs, for the Government Services Department, RCA Service Company, has been announced by S. D. Heller, Division Vice President, Government Services.

Mr. Speakman will be in charge of RCA's Test Missile Project at Patrick AFB, Fla., and other associated activities.

Mr. Speakman joined RCA in 1959 as Manager of Planning for Defense Electronic Products and later was appointed Administrator for Electronic Intelligence Systems.

Curtiss-Wright Seeks Research Manager

The Curtiss-Wright Corporation is actively seeking a Manager to direct the new research and scientific development programs of its Research Division, located on an 80-square mile tract at Quehanna, Pa.

The company says that selection of an appropriately qualified executive to head the Research Division is an important element in its recently announced program to amplify and reorient research and scientific development activities in fields in which Curtiss-Wright is already established (such as propulsion, electronics and ultrasonics) as well as in new areas, and to make fuller utilization of Quehanna facilities.

Capt. Head Assigned To Hiller As Trainee

Capt. Robert L. Head, Army Transportation Corps, has been assigned to Hiller Aircraft Corporation as an industrial trainee for a period of one year.

Hiller Aircraft Corporation is participating in the industrial training program for the fifth year.

Captain Head, an Army aviator and helicopter pilot, goes to Hiller from the U. S. Continental Army Command, Ft. Monroe, Va. He and his wife and two children live at 2275 Capistrano Drive, Santa Clara, Calif.

Capt. McInerney Joins Cook Electric At Rome

Cook Electric Company, Chicago, has announced the appointment of Capt. Robert B. McInerney, USAFR, as District Manager, Rome Office. Captain McInerney will supervise sales and liaison engineering in the Rome area for all divisions of Cook Electric Company.

Captain McInerney had been Contracting Officer at Rome Air Development Center, and previously served with the Director of Procurement and Production, Rome Air Materiel Area. He also served as a Procurement Officer at Wright-Patterson AFB, Ohio.

Captain McInerney and his wife, the former Mary Ann Gannon, reside at 1200 North James Street, Rome, N. Y., with their four children, Kathleen, Thomas, Sheila and Maureen.

Goodrich Names Britt Eastern Rocket Chief

John R. (Jack) Britt, manager of government sales for the Sronge Products Division of The B. F. Goodrich Company, has been named eastern manager-rocket motors for the B. F. Goodrich Aviation Products Division, with headquarters at Washington, D. C.

Mr. Britt was chemical and materials engineer for the U. S. Naval Research Laboratory and the Bureau of Ships from 1946 to 1954. He became Washington representative for Sronge Rubber Products Company in 1954 and was made district manager in Washington soon afterward when that company became a division of The B. F. Goodrich Company.

G-E Will Study Sea Missile Defense

The General Electric Company has received a contract from the Office of Naval Research to investigate systems for the defense of continental United States against attack by missile-launching submarines.

Work will be performed by G. E.'s Technical Military Planning Operations (TEMPO) at Santa Barbara, Calif.

The study represents a continuation of research and study in the area of undersea warfare which has been under way at TEMPO, together with other components of the General Electric Company, for several years.

Production Begins On New Machine Gun

The first of the Army's new lightweight machine guns came off the production line at the Saco-Lowell Shops, Saco, Maine, on 9 September.

Lt. Gen. J. H. Hinrichs, Chief of Ordnance, said the shops will produce 14,800 of the new guns, known as the caliber 7.62 millimeter M-60. This order with Saco-Lowell includes weapons for the U. S. Army and other military customers together with spare parts tooling and manufacturing data.

The new gun replaces three Army weapons—two of them air-cooled machine guns known as the M-1919A4 and the M-1919A6 and the water-cooled Browning machine gun, caliber .30. The new machine gun with bipod weighs 23 pounds.

The gun was jointly developed by Army Ordnance and two contractors, the Inland Division of General Motors Corp., at Dayton, O., and the Bridge Tool and Die Works of Philadelphia, Pa.

The M-60 is capable of firing 600 rounds per minute. It is 43 inches long, has a rotary locking belt, is air-cooled, gas operated and feeds with a disintegrating metallic link belt.

The production contracts for \$6,919,932 were awarded to the Saco-Lowell Shops by the Boston Ordnance District.

NUCLEAR DETECTION

A \$2.1 million Air Force contract for a Nuclear Detonation Evaluation System has been awarded Sperry Gyroscope Company, Division of Sperry Rand Corp.

The contract covers development, fabrication and installation of the highly-classified AN/GSQ-44 system. Company officials declined further comment regarding the contract on the basis of military security.

Nuclear Chemist Joins Martin Staff

Dr. Charles E. Crompton, one of the pioneers in the chemistry of heavy "man-made" elements, has been named Director of the Advanced Development Section in the Isotopic Power Department of The Martin Company's Nuclear Division.

Dr. Crompton was a member of the original Plutonium Research Group at the University of California and is a veteran of more than 17 years' experience in the field with both government and industry. At Martin he will direct and coordinate all research on advanced applications of radioisotopes as a source of heat and electricity.

USMA Grad Joins General Mills As Coordinator

James A. Summer, a West Point graduate, has been named Coordinator of Planning for the Commercial Development Department of General Mills, Minneapolis. He was previously with the Avco Corporation's Research and Advanced Development Division.

A former Air Force pilot, he was Chief of the Air Force procurement office at Turin, Italy, before separating from the service as major in 1957. Earlier he served at Cape Canaveral, Fla., where he participated in the Navaho, Snark, and Matador missile programs. In 1953, he was named to the Secretariat of the Air Force Scientific Advisory Board at the Pentagon. He held administrative posts with the Air Materiel Command and was Secretary to the AMC council before assignment to Italy.

In addition to his West Point degree, he holds a master's degree in engineering from the University of Michigan.

Name RAdm. Bruton Hoffman Corp. VP

RADM. H. C. Bruton, USN (Ret.) has been named vice president-planning for the Military Products Division of the Hoffman Electronics Corporation. As the division's planning chief, H. Leslie Hoffman, President, said, Admiral Bruton and his staff will be responsible for analyzing the long-range requirements in electronics of the Armed Forces and determining the most effective utilization of the corporation's capacity and capabilities to satisfy portions of these requirements.

Prior to his retirement from the Navy, Admiral Bruton was Director of Naval Communications, Washington, where he was responsible for the management of the Navy's world-wide communications system. He also served as director of the legislative division of the Office of the Navy Judge Advocate General.

Col. William S. Cowart, jr., USAF-Ret., who had been Chief of the Test and Experimentation Division of the Federal Aviation Agency's Bureau of Research and Development at Atlantic City, N. J., has become Assistant to the Executive Vice President of the Atlantic City Electric Company. His successor as Acting Chief is Col. Aldro Lingard, USAF, formerly Director of Plans and Programs for USAF Headquarters in Germany.

Col. Edward J. F. Glavin, USA-Ret., wartime Chief of OSS Operations in the Mediterranean, has assumed duties as Vice President for Development at Pennsylvania Military College at Chester. Colonel Glavin, USMA '27, who also served as Chief of Education for the Army in Europe and Chief of Psychological Warfare for the Army Field Forces, had been Director of Development for New York University since 1957. Dr. Clarence R. Moll, P.M.C. President, said Colonel Glavin will coordinate alumni, community and public relations and development activities in support of the expansion program at the nation's second oldest military college.

Col. W. Stanley Dolan, USAF-Ret., former Air Defense Command Judge Advocate at Ent AFB, Colo., has been succeeded by Col. Adrian W. Tolen, former Staff Judge Advocate for Headquarters 15th Air Force at March AFB, Calif. Colonel Dolan, his wife, Dorothy, and their three children will establish a new home at Claremont, Calif., where he plans to enter private business.

Maj. Henry M. Ruppel, USA-Ret., has been elected Vice President—Production Engineering of Allied Control Company, Inc., New York City. Major Ruppel will be responsible for production engineering and quality control at all Allied Control plants in Glendale, Calif., Plantsville, Conn., Wauregan, Conn. and New York City. He and his wife, Dorothy, reside at 32 Rock Ridge Drive, Port Chester, N. Y.

Lt. Col. Franklin W. Patten, USAR. has been retired after 42 years of reserve service, including WWI and WWII and in Korea. He had 18 years of active duty during which he was awarded five commendations and 17 service medals including French Liberation, Free French and Cross of War. Colonel Patten resides at 7011 LeMay Road, Rockville, Md., where he operates Landco engaging in exploration, development, and trading.

Col. Edward W. Greer, jr., Deputy Inspector General of the Military District of Washington and one-time member of General Eisenhower's staff, has retired from the Army after 29 years of service. He and his wife, Edith, live at 2804 Davis Ave., Alexandria, Va. They have three children.

Col. Paul D. Troxler, recently-retired District Engineer of the Jacksonville District, Corps of Engineers, left 10 September for Denver en route to Lahore,

Under Sea Warfare

Award to Aeronutronic

The Navy's Bureau of Naval Weapons has awarded a contract to Ford Motor Company's Aeronutronics Division, Newport Beach, Calif., to investigate the feasibility of an under sea warfare device originally developed by Aeronutronic as a proprietary item.

Under terms of the contract, amounting to \$175,000, Aeronutronic will carry out further development, prototype fabrication and operational testing of the device for the Bureau of Naval Weapons. Details of the device are classified.

West Pakistan. There he will become Project Manager for Tipton and Kalmach, Inc., Engineers of Denver, under the Water and Power Authority of West Pakistan. His work will be connected with the Indus River Development Program being sponsored by the World Bank.

Appointment of Comdr. Samuel A. Forter (USN, Ret.), as assistant director of Instrumentation Laboratory, Massachusetts Institute of Technology, has been announced by Dr. C. Stark Draper, Laboratory director. Commander Forter will participate in advanced design and development of the inertial guidance system for Polaris, the Navy's 1,200-mile Fleet Ballistic Missile.

Commander Forter is married and has two sons and a daughter. They will live at 235 Main Street, Hingham, Mass.

Col. Lyman F. Stengel, USA, commanding officer of the Ordnance Ammunition Command, Joliet, Ill., since March 1959, was retired on 31 Aug. 1960. Colonel and Mrs. Stengel, the former Margaret Clark of Oklahoma City, will leave Joliet for an extended tour of Europe.

Lt. Col. Orval J. Abel, Assistant Deputy Post Commander, has retired at Ft. Riley, Kans. He will live at his home in Clay Center, Kans. with his wife, Lucille and his three children Arlene, 23, Martha, 20, and Neil, 14.

Retirement ceremonies 31 Aug. marked the end of over 75 years of military service compiled by three Air Training Command officers.

The ceremonies were held at Randolph AFB where Lt. Gen. James E. Briggs, ATC commander, decorated each of the officers with the Air Force Commendation Medal, authorized by the Secretary of the Air Force.

Those retiring were: **Col. John K. Swigart**, director of Airman Personnel; **Col. Walter F. Waldorf**, command dental surgeon, and **Maj. Edward M. Schlieter**, assistant chief of Organization and Management Engineering division.

Colonel Swigart and his family will live in San Antonio, Tex.

Colonel Waldorf and his family will retire in Sun City, Ariz.

Major Schlieter and his family live in New Braunfels, Tex.

L.Cdr. Raymond T. Diedrichsen, USN (Ret.) has been named Sonar Program Supervisor for the expanding military equipment section of Southwestern Industrial Electronics (SIE), a Division of Dresser Industries, in Houston, Tex.

Commander Diedrichsen joined the Navy in 1936 and has served in a wide range of electronic specialty assignments. His last duty prior to retirement was with the Chief of Naval Operations, Anti-Submarine Warfare Branch. He was awarded the Commendation Medal by CINCPACFLT and was the organizing-president of a Masonic club in Naples, Italy.

CWO Frank V. Amodel, Assistant Supply Officer of the 35th Artillery Brigade, Ft. Geo. G. Meade, Md., has been awarded an Army Commendation Medal for "meritorious service" by Brig. Gen. George S. Eckhardt, new Commander of the 35th Brigade. CWO Amodel retired 31 August, and plans to return to the teaching field as a high school instructor of Biology or General Science. He resides with his family at Odenton, Md.

USAF Letter Of Appreciation Reveals TEMCO's Participation In Space Work

TEMCO Electronics, a division of Ling-Temco Electronics, Inc., has received a letter of appreciation from the Air Force for the part it played in the successful recoveries of the Discoverer XIII and XIV space capsules.

Chairman of the Board Robert McCulloch points out that this is the first public notice of the fact that TEMCO Electronics is engaged in space work.

"Actually, the classified device which we supplied to one of the prime contractors for Project Discoverer is comparatively small and relatively inexpensive. But we like to think it made the recoveries much easier than they would have been if the device were not available," Mr. McCulloch said.

He also said that TEMCO has another

small device in orbit on a different project and that "we expect our space activities to be one of our fastest growing fields of endeavor."

National security requirements prevent TEMCO from saying more about its space work at this time, however, he said.

Written by Col. Charles F. Knierim, commander of the 552d Airborne Early Warning & Control Wing of the Air Defense Command, the letter quoted Air Force Chief of Staff General Thomas D. White:

"The Air Force joins me in warmest personal congratulations to your command and your associates in American Industry for the outstandingly successful Discoverer XIV operations."

NAVY-INDUSTRY CONFERENCE SCHEDULED

THE fourth annual Navy-Industry conference on Aeronautical Material Reliability will be held at the Shoreham Hotel, Washington, D. C. 1-2 November.

RAdm. Paul D. Stroop, USN, Chief of the Bureau of Naval Weapons, said that the meetings afford an opportunity for Navy and industry officials to discuss management aspects of the more important problems affecting the delivery and maintenance of reliable Naval weapons systems.

The theme of the conference, which has been planned by the Bureau of Weapons Industry Advisory Board on Reliability and Operation Design Requirements, is "Reliability with Economy—a Challenge."

Papers on important management problems common to the Navy and industry such as design, contracting, production and maintenance of Naval products will be presented. VAdm. R. B. Pirie, USN, Deputy CNO (Air) will be the principal speaker at a banquet on 1 November.

Attendance at the meeting is by invitation only. Additional information on the conference, or invitations may be obtained from Mr. F. W. Snyder, Bureau of Naval Weapons, Department of the Navy, Washington 25, D. C., Phone OXford 6-4751.

Military-Industry Seminar Will Study Problems In Transportation Of Missiles

Maj. Gen. I. Sewell Morris, USA, Executive Director, Military Traffic Management Agency, has announced the agenda of a four-day joint industry-military missile transportation seminar to be held at Ft. Bliss, Tex., 20 through 23 September.

Sponsored by the Department of Defense through the Army and MTMA, the seminar will deal with the transportation characteristics of missiles and missile components. More than 300 representatives of the military, the commercial carrier industry, and the Federal regulatory agencies have been invited.

There will be an address by Walter F. Carey, President of Automobile Carriers, Inc., and National President of the Defense Transportation Association.

Briefings on the missile systems of the various Military Departments will be presented by teams of missile experts. These teams will be headed by: Maj. Gen. Rush B. Lincoln, Army's Deputy Chief of Transportation; Maj. Gen. J. A. Barclay, Deputy Commanding General, Army Ordnance Missile Command; Capt. G. J. Pollich (USN), Assistant Chief for Navy Transportation and Facilities; and Col. Lester R. Ferriss, jr., Chief of Programs, Director of Transportation, Headquarters, USAF.

The carrier panel, moderated by Dr. Charles A. Taff, professor of transportation, University of Maryland, will feature the following panelists: G. M. Springer, Vice President of Air Cargo, Inc.; F. C. Freund, American Trucking Association; and C. O. Buford, Vice President of the Association of American Railroads.

The military panel will be monitored by Col. Ray J. Cox, Regional Director of MTMA's Southwestern Traffic Region. Composing that panel will be: Col. L. R. Ferris, jr., Chief of Programs, Director of Transportation, Headquarters, USAF; Cdr. George C. Nelson, USN, Office of Transportation and Facilities, Bureau of Supplies and Accounts, and Col. W. T. Grenier, USA, Director of Movements, Office of the Chief of Transportation.

Col. E. W. Sawyer, Deputy Executive Director of MTMA, will serve as seminar chairman. He will be assisted by Col. W. B. Avery, Assistant Director of Traffic-Missiles, MTMA, and by William A. Roe, chief of the Space and Special Projects Branch, Directorate of Traffic, MTMA.

Rule Binational Job OK For Retired

The Comptroller General has exempted retired officers from dual employment restrictions when working for Binational Centers overseas and receiving monetary grants from the U. S. Information Service.

The decision (B-143718) in effect holds that such employment is not regarded as holding "an office" under the United States and does not fall within the restrictions of the Dual Employment or Dual Compensation acts.

The Comptroller specifically decided upon the case of Col. Todd H. Slade, USA-Ret., who is employed by a Binational Center and was scheduled for a grant by USIA.

Binational Centers are local autonomous cultural institutions jointly spon-

sored and financed by American residents overseas and nationals of the host country to disseminate information about the U.S. and foster mutual understanding.

USIA provides grants for American administrative and teaching personnel, program materials and local operating expenses.

VII Corps Engineer Named

Col. Jay P. Dawley, who served with VII Corps in WWII, has been named VII Corps Engineer in Germany. He had been Missile Officer of the Mobile Engineering District, Redstone Arsenal, Ala., where he worked for two years on the Nike Zeus Anti-Missile Missile System.

Colonel Dawley, USMA '39, succeeds Col. Harry D. Hoskins, assigned to the Engineer Maintenance Center in Columbus, Ohio.

Promotion Secrecy Maintained; Bolté Committee Will Probe Service Information Disparities

From first page—

all Army promotions since the Peress Case.

Supplemental information was supplied this week to the effect that some of the "silent selections" included cases involving physical qualifications, and that not all eight were concerned with security clearances.

What is certain to interest the Bolté Committee in its survey of officer personnel procedures in the Armed Forces is the disparity among the various Services in the matter of reporting selection board actions.

The Navy, Air Force, and Marine Corps stress that it is their practice to announce all selections simultaneously, and not to withhold names. Obviously, these Services are able to handle required security reviews in a more expeditious manner than the Army.

The Bolté Committee also will seek data as to why the Navy and Marine Corps make it a practice to announce membership of selection boards to keep their people fully informed about matters affecting their careers, while the Army and Air Force maintain that such information is classified.

Because of the interest in the "silent selections," THE JOURNAL asked for and was denied the names of the members who served on the 1959 board.

THE JOURNAL also asked the Army to see that portion of the first 1959 board's report to Secretary of the Army Wilber M. Brucker concerning selections from the secondary zone.

"Selection board reports are classified 'For Official Use Only' and are made available on a need-to-know basis," the Army said.

The Army also was asked:

"Has there been any study initiated

to change procedures by which some promotion selections are withheld without any announcement to this effect, and does the Army still plan to deny information to officers that they have been chosen by a board, even after administrative processing is completed?"

The Army's answer:

"No such studies have been initiated. Officers are given adequate advance information concerning their impending promotions."

Next President For Pay Equity

From first page—

the matter during the next session of the Congress."

In his telegram to General Simpson, Senator Kennedy said that he believes "firmly in the principle of equal pay for equal service and equal merit and I shall continue to exert my best effort in that direction."

Senator Lyndon Johnson, the Democratic nominee for vice president, has been sending out identical letters to those who question him concerning his views on the retired pay equalization bill (see text, page 25, THE JOURNAL of 20 August). In that letter he told inquirers that it is a highly complicated subject and that he personally hoped it would be possible to take action in the Summer session "but that must depend on the subcommittee's study and report."

Senator Johnson added that "I am sure that eventually corrective action will be recommended, so don't give up hope for we will not let the matter drop."

The texts of Senator Kennedy's letter and telegram follow:

Letter To General Edwards

"As you know, I strongly favor the principle embodied in the Retired Pay Reimbursement Act of 1960 (H. R. 11318).

"The fact that legislation for this worthy purpose was not enacted during the recent session of Congress is a source of deep regret to me.

"The merits of the proposal, so far as I am concerned are unquestioned. This, coupled with the broad support which it commands on Capitol Hill, would seem to justify a realistic hope that affirmative action can be taken on the matter during the next session of the Congress.

"I have received many communications from retired service personnel who are members of your Association and, therefore, I am taking the liberty of transmitting herewith a copy of a telegram which I have sent to one of your very distinguished members, General William P. Simpson, U. S. Army, Retired, of San Antonio, Texas."

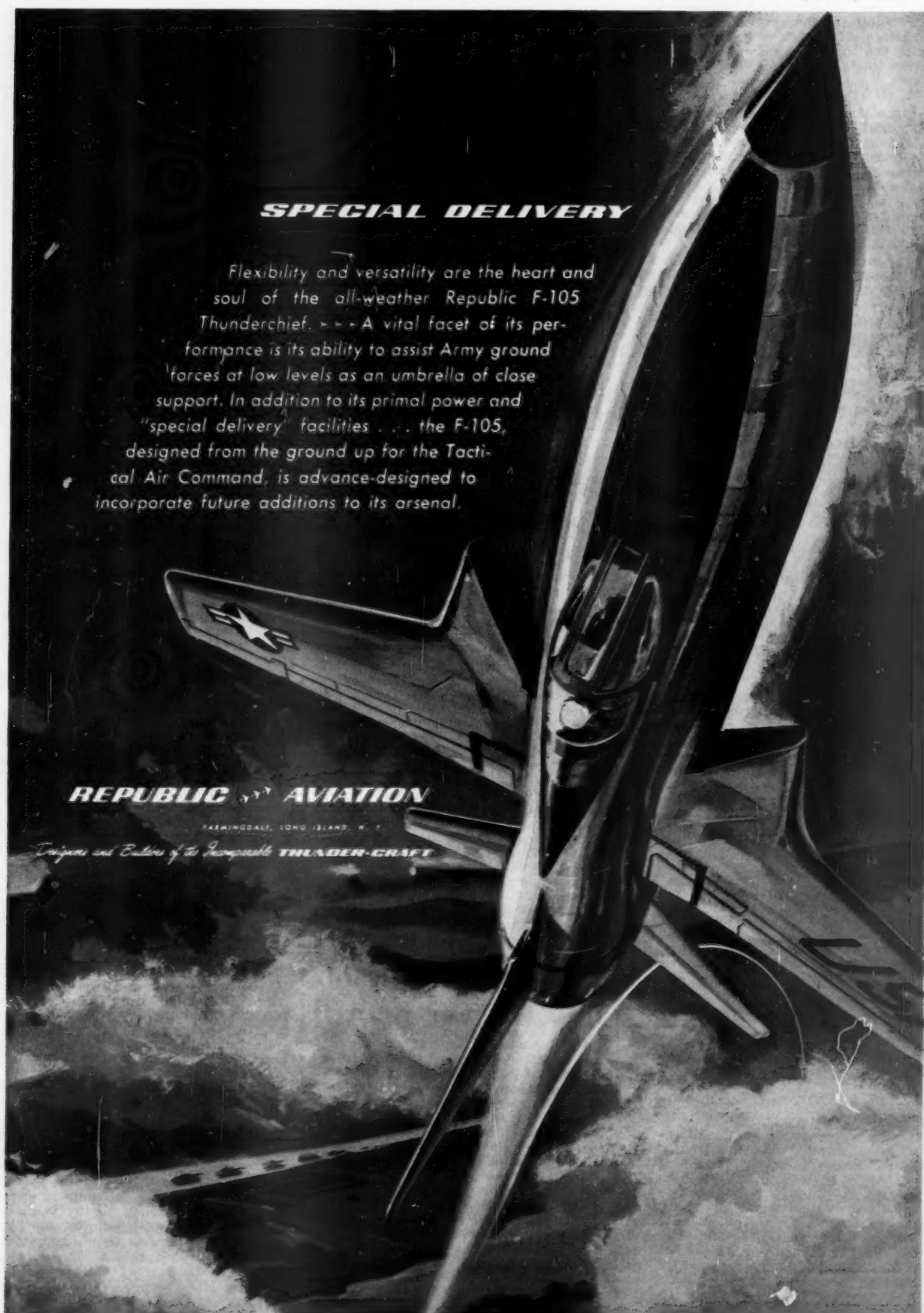
Telegram to General Simpson:

"In response to your telegram I want you and those for whom you speak to know that I am deeply concerned over the inequity done many thousands of our devoted retired service personnel in the military pay act of 1958. I therefore support the objective of House passed Bill H. R. 11318 which would equalize the pay of military personnel retired prior to June 1, 1958 with those retired thereafter. I believe firmly in the principle of equal pay for equal service and equal merit and I shall continue to exert my best effort in that direction."

Wheaton ROTC Staff

Four new staff members will assist in the ROTC program at Wheaton college, Ill., this year. They are Capt. James David Whitener; Capt. William E. Sunderlage; SFC Thomas F. Wills, and Sgt. Boise B. Ferguson.

Reassigned to Wheaton are Lt. Col. Norman W. Hubler, professor of military science and tactics; Capt. James E. Smith, assistant PMST, and M/Sgt. Verne Goodwin and George T. Scott.



SPECIAL DELIVERY

Flexibility and versatility are the heart and soul of the all-weather Republic F-105 Thunderchief. - - - A vital facet of its performance is its ability to assist Army ground forces at low levels as an umbrella of close support. In addition to its primal power and "special delivery" facilities . . . the F-105, designed from the ground up for the Tactical Air Command, is advance-designed to incorporate future additions to its arsenal.

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